



ARCHAEOLOGICAL TEST PIT EXCAVATIONS AT MIDDLEFIELD LANE, GAINSBOROUGH, LINCOLNSHIRE IN 2016



Report compiled by

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with

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Archaeological Project Services and University of Lincoln, 2016

<http://middlefielddig.blogs.lincoln.ac.uk/>





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1. INTRODUCTION

1.1 *Project Background*

In 2016 an AHRC-funded archaeological project aimed to advance understanding of the history and heritage of post-war council estates by involving current residents in test pit excavations within the Middlefield Lane estate, Gainsborough, UK. Middlefield Lane was one of many new post-war British housing estates built to replace 19th century slums judged unfit for habitation with better quality housing using the 1928 'garden city'-inspired green-focussed plan of Radburn, New Jersey, US. The project provided new data about the pre-20th century use of the landscape the estate now occupies and also revealed an unusually high number of child-related finds from 20th century deposits. These show that the estate's iconic greens were indeed used by children for outdoor play, thus constituting important evidence that the aspirations of its 1960s planners were achieved as intended. Feedback from estate residents participating in the excavations demonstrated a range of positive impacts that participation in the excavations had on skills and attitudes.

1.2 *Site location, topography and geology*

Gainsborough is located on the east bank of the River Trent 24km northwest of Lincoln in the administrative district of West Lindsey, Lincolnshire. The Middlefield Estate lies approximately 1km to the southwest of the town centre.

The Middlefield Lane estate lies in an area of Gainsborough locally and colloquially known as "Uphill" on high ground at between 27m and 32m AOD.

Individual test pits were located around the estate, the majority in the area between Middlefield Lane and Thurlby Road, either side of The Drive (Figure 1). Four further test pits were excavated in the grounds of the Hillcrest Early Years Academy on the northeast side of Heapham Road. Specific locations are detailed in the results section below and shown on Figure 2

As an urban area the site has not been mapped by the Soil Survey, but soils appear to be reddish clayey soils of the Worcester association developed over mudstone with the possibility of sandy and coarse loamy soils of the Blackwood association developed over glaciofluvial drift (Soil Survey of England and Wales 1983).

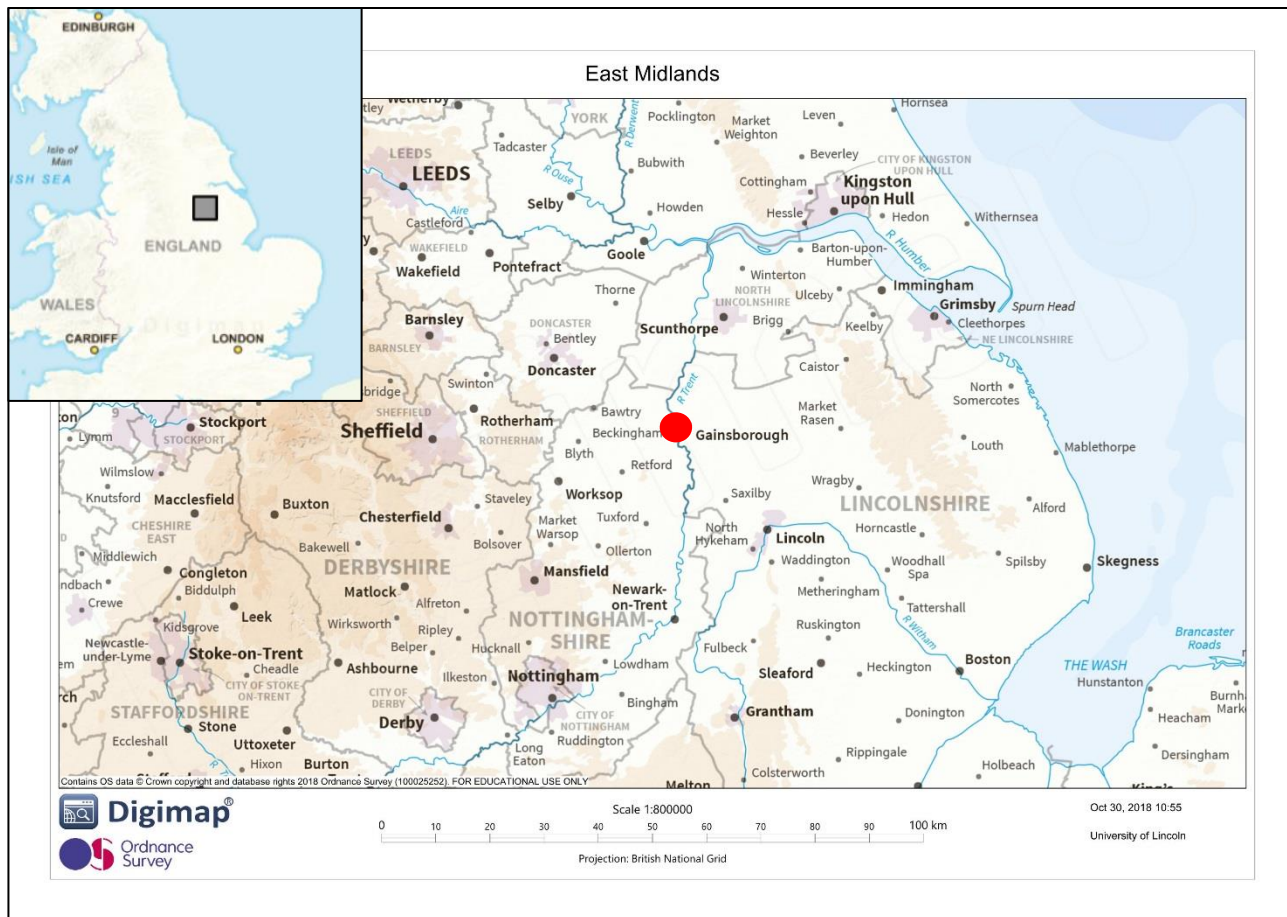


Figure 1 – Location of Gainsborough (above) and the 'Middlefield Lane' Estate (below) (reproduced with permission of Digimap)





2. ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

2.1 Historical background

Gainsborough is notable as being the point furthest inland along the river Trent that sea-going vessels could reach (Platts 1985, 187). It is recorded in the Anglo Saxon Chronicle as *Gaeignesburgh* and as *Gainesburg* in Domesday Book, means “fortified settlement belonging to *Gaegn*” (Ekwall 1974). Gainsborough came to prominence in 1013 AD when Sweyne, King of Denmark sailed up the Trent and landed there, dominating the area until his death the following year (White 1856).

By the time of the Domesday Survey in 1086, Gainsborough a moderately large holding of eight carucates (Williams and Martin 2003: 953), but overshadowed by nearby Torksey which had much more extensive urban and administrative functions (Williams and Martin 2003: 884). During the medieval period, Gainsborough developed further as a town and port with burgesses recorded by the early 13th century (Beresford and Finberg 1973: 136) being granted a market in 1204 and a fair by 1242 (Letters 2005: ‘Lincolnshire’). By 1334, Gainsborough paid twice as much tax as Torksey (Glasscock 1975: 177). A deer park present less than 1km to the south-east of the Middlefield Lane estate (near Park Springs Farm) in 1795 is inferred to be the same park documented in the 13th century (Everson et al 1991: 52-3, 95). The moated site at Dog Island, on the west side of the River Trent may be of medieval date although there is no recorded evidence for the site’s existence before the late 18th century (Nottinghamshire HER, Beckingham M5031).

In the post-medieval period Gainsborough’s strategic position on the River Trent was to result in it playing an important role in the English Civil War in Lincolnshire. The town was besieged and was the scene of a battle in July 1643 (Beckwith 1972), contemporary accounts of which suggest the battle took place on the high ground approximately 2km south of Middlefield Lane.

Gainsborough maintained a successful rivalry with Hull as a port town although was overshadowed by the larger port that saw the River Trent as one of its dependant creeks. Gainsborough had so increased in importance as a river port by 1820 that a Branch Custom House from the port of Hull was established there. The consequence of this was to enhance Gainsborough sufficiently as a commercial station that by 1841 it was constituted as a sea port in its own right and independent of Hull (White 1856).

Gainsborough saw massive industrial expansion, particularly in the Victorian period. One of the principal manufacturers, Marshall’s Britannia Works, became the dominant force in Gainsborough industry. First founded in 1842 by William Marshall and called the Britannia Ironworks by 1848, the factory produced steam engines and boilers to award winning standards (Clark 1998).

In the late 17th century, Gainsborough’s population stood at just under 2,000. By 1851 this population had reached over 8,000. All these people had to be housed. This population boom did not initially cause Gainsborough to expand; rather rows of cottages, known as ‘Yards’ were built within the plots to the rear of existing houses. Barnby’s Yard on Church Street is all that remains of ‘Old’ Gainsborough’s yards (Childs nd).

By the mid-20th century, this form of housing was viewed as no longer fit for purpose. In July 1963, Marcus Kimball, MP for Gainsborough began the process of what he described as “the drive against the slums, to house people in decent homes”. Much of the slum housing that he described had by this time been scheduled for demolition. It was from there that Kimball intended to re-house many of the occupants on a new housing estate planned for the eastern outskirts of the town: the proposed Middlefield Estate. The Middlefield Lane Estate is presumed from its name to lie within the area of the former medieval open field system, although the area is likely to have been well wooded in the medieval period (Everson et al 1991: 3). The model for the 1960s estate was known as ‘Radburn Planning’ based on the small, experimental settlement of Radburn in New Jersey, USA. In accordance with this approach, the estate was designed to have dual, but separate,



circulation systems for motor vehicles and pedestrians. The hub of the community was to be 'The Precinct', around which were laid out the green avenues and footpaths of North and South Parade and The Green (Waites 2015). All around the estate, cars were segregated around the rear of houses by short cul-de-sacs and the houses fronted onto rectangular greens which provided pedestrianised routes through the estate and communal space for socialisation.

The estate was built as planned and remained largely unchanged with the exception of the subsequent demolition of The Precinct (Waites 2015).

2.2 Archaeological Background

Minimal archaeological work has been carried out in the area now occupied by the Middlefield Lane estate. Burials, purported to date to the Anglo-Saxon period, are said to have been found during the 19th century in the area of The Walk within the estate: these are described on Historic England database as:

"Possible Anglo Saxon inhumations. Three skeletons were found prior to 1875 in the 'Cliff District' at Gainsborough. Each was lying 'in a grooved stone and covered by another not grooved. The first stone was supported by 4 smallish ones.'" (AMIE Monument NMR Number SK 88 NW13).

No further details of these burials are recorded and the exact location is not known.

In 2007, an archaeological evaluation involving three evaluation trenches and a test pit were excavated in the grounds of The Becket School, some 600m to the northeast of the centre of the Middlefield Lane estate. A single undated linear feature was recorded during this work (Clay 2007).

In 2010 archaeological monitoring of groundworks was undertaken at the proposed Special Educational Needs School at the William Harrison School on the west side of Middlefield Lane. No archaeological deposits or remains were recorded during the work (Tann 2010). Similarly, during monitoring in 2013 on Somerby Way 900m to the east (Hobson 2013) and in 2014 on Saracen Close, to the south of Middlefield Estate (Hall 2014), recorded no archaeological deposits.



3. METHODOLOGY

Test pitting was undertaken following a methodology used extensively across eastern England (Lewis 2007; Lewis 2014) developed from earlier projects at Shapwick (Gerrard and Aston 2008) and Whittlewood (Jones and Page) and used in Channel 4's 'Time Team's Big Dig' at Great Easton, Leicestershire in 2003 (Cooper and Priest 2003), at Kibworth in Leicestershire in BBC's 'Story of England' in 2010 (<https://www.access.arch.cam.ac.uk/reports/leicestershire/kibworth>) and Long Melford in Suffolk in BBC's 'Great British Story' in 2012 (<https://www.access.arch.cam.ac.uk/reports/suffolk/long-melford>). A total of 20 test pits were excavated by volunteers from the Middlefield Estate. The locations are shown on Figure 2. Not all of the planned test pits were excavated and as such, the test pits numbered below are not fully sequential.



Figure 2 – Locations of the Test Pits at Middlefield Lane

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The pits were hand-excavated in 10cm spits which were assigned individual context numbers and recorded using *pro forma* sheets. These sheets also included a plan square. Once excavated the test pit sections were sketched, also on *pro forma* sheets. The excavated deposits were also sieved to retrieve dating material (artefacts).

Positions of the test pits were recorded by the volunteers taking part in the project and were plotted by survey grade differential GPS. Finds from these test pits are recorded by their relevant context number.



Following excavation, the records were checked and a stratigraphic matrix produced. Finds were also examined and a period date assigned where possible (Appendix 1).

A film was made of the excavations and feedback using paper forms completed by one member of each team on the team's behalf was collected from volunteers to record the activity and assess the social impact of the excavations.



Plate 1 – Test pit 3 under excavation on a ‘Radburn’ green in North Parade, Middlefield Lane

4. ARCHAEOLOGICAL RESULTS

The results are described below in test pit order. The numbers in brackets are the context numbers assigned to individual spits excavated by the volunteers after the removal of the uppermost turf layer.

Test Pit 1

NGR: SK 82555 89727. Hillcrest Early Years Academy, Heapham Road

| Context number | Depth (m) - BGL | Description / interpretation | Key Finds | Period |
|----------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|-------------------------------------|
| 1-1 | 0m - 0.1m | Dark greyish brown sandy silt, topsoil | None | NA |
| 1-2 | 0.11m - .15m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, glass | 13 th – 20 th |
| 1-3 | 0.16m - 0.2m | Mid brownish red clay. Redeposited natural | Pot, glass slag | 13 th – 20 th |
| 1-4 | 0.21m – 0.3m | Mid brownish red clay. Redeposited natural | Pot, glass, clay pipe, bone | 18 th – 19 th |
| 1-5 | 0.31m- 0.4m | Dark greyish brown sandy silt, buried topsoil | Pot, clay pipe, bone, tooth | 17 th – 19 th |
| 1-6 | 0.4m- 0.45m | Dark greyish brown sandy silt, buried topsoil | None | NA |
| 1-7 | 0.45m -0.48m | Dark greyish brown sandy silt with pale yellow brown silt. Interface with natural | Pot, glass marble, tooth | 18 th 20 th |
| | | | | |

Topsoil was evident to a depth of 0.15m below the current ground level. Below this was a layer of brownish red clay. This layer was formed from the same material as the natural deposits in the area but was redeposited, probably to level the ground, potentially from groundworks during the construction of the school. This sealed a buried topsoil deposit that was the original ground level. Indications of the natural deposits were uncovered below this.

The majority of the pottery from this test pit dated from between the 17th to 18th century, although pieces dating from the 16th and 19th century were also recovered. The earliest pottery recovered from the topsoil (1-2) was of medieval date, with fragments from a Beverley ware bowl and a jug dating from the 13th to 14th century. Coal Measures White ware, also dating from the 13th to 16th century was recovered from the re-deposited natural (1-3). Clay tobacco pipe from the 18th to 19th century was dispersed throughout the deposits. Near the base of the test pit, in the buried topsoil, was a 20th century glass marble.

Other finds from this pit include a large quantity of 18th to 20th century brick and tile, which is probably demolition or construction waste, iron nails and coal and cinder. Sheep or goat teeth were also recovered.

Test Pit 2

NGR: SK 82589 89768 Hillcrest Early Years Academy, Heapham Road

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|--------------------------------------------|--------------------------------------------------------------|---------------------------------------------|
| 2-1 | 0m - 0.1m | Dark greyish brown sandy silt, topsoil | Plastic toggle | 20 th century |
| 2-2 | 0.11m - 0.2m | Dark greyish brown sandy silt, topsoil | Pot, CBM, Glass, Oyster shell, mammal bone, tooth, coin (5p) | 13 th – 20 th century |
| 2-3 | 0.21m - 0.3m | Mid brownish red clay. Redeposited natural | Pot, CBM, clay pipe, ring pull | 13 th – 20 th century |

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|-----------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|
| 2-4 | 0.31m – 0.4m | Mid brownish red clay. Redeposited natural | Pot, glass, CBM, oyster shell, clay pipe, copper buttons | 13 th - 20 th century |
| 2-5 | 0.41m – 0.5m | Dark greyish brown sandy silt, buried topsoil | None | NA |
| 2-6 | 0.51 – 0.55m | Dark greyish brown sandy silt with pale yellow brown silt. Interface with natural | Pot, glass | 17 th – 19 th century |

The sequence of soil deposits in Test Pit 2 was the same as in Test Pit 1.

The pottery recovered from this test pit was similar in range as the pottery in Test Pit 1, slightly to the north. The majority was again from the 17th – 19th century with fragments of slip ware and salt-glazed sherds. Beverley ware from the 13th – 14th century was recovered from the re-deposited natural (2-3). Window glass and green bottle glass from the 19th century were recovered throughout the deposits. Other finds included the stems from clay tobacco pipes and oyster shells. Oysters were a common food source and a fragment recovered from the topsoil (2-2) had a 'shucking notch' from where it had been opened. Mammal bone and a pig canine were also recovered from this spit along with the incisor from a sheep or goat from (2-4).

Test Pit 3

NGR: SK 82575 89486 North Parade

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| 3-1 | 0m – 0.1m | Dark greyish brown sandy silt, topsoil | Pot, two marbles, glass, ring pull, toy wheel, bone | 18 th – 20 th century |
| 3-2 | 0.11m – 0.2m | Mid reddish brown clayey silt. Subsoil | Pot, glass, coin (2p), clay pipe, CBM, bone | 17 th – 20 th century |
| 3-3 | 0.21m - 0.3m | Mid reddish brown clayey silt. Subsoil | Clay pipe, pot, CBM, bone | Medieval and modern |
| 3-4 | 0.31m – 0.35m | Mid reddish brown clayey silt. Subsoil | Pot, cockle shell | 15 th – 20 th century |

Below the thin topsoil, brownish red clay was uncovered. It is possible that this is re-deposited natural material, possibly sealing earlier deposits, as in other test pits.

The assemblage of pottery from this test pit is surprisingly large, with most of it dating from the 17th – 18th century. The large quantity may indicate activity of that period in the immediate area, possibly related to an undocumented nearby farmstead.

The pottery was found throughout the deposits and was mixed with more modern material such as the ring pull in the topsoil (3-1) and the 2p piece within the clay (2-2) dated to 1981. The ring pull is of the older type that completely detaches from the can.

Animal bone was recovered from the top three spits (3-1) – (3-3).



Plate 2 - A selection of finds from Test Pit 3.

Test Pit 4

NGR: SK 82601 89360 25 Upton Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------|
| 4-1 | 0m – 0.1m | Friable, dark grey brown sandy silt. Topsoil | Toy soldier, oyster shell, tea-cup handle, screws and nails, wall tiles wall tile | 20 th century |
| 4-2 | 0.11m – 0.2m | Mid reddish brown clayey silt. Subsoil | Tea-cup handle, screws and nails | 20 th century |
| 4-3 | 0.21m – 0.3m | Mid reddish brown clayey silt. Subsoil | Pot, iron nails, plastic, bone | 17 th – 20 th century |
| 4-4 | 0.31m - .35m | Mid brownish red clay. Natural (redeposited) | Pot, wall tile | 18 th – 20 th century |

Thin, friable topsoil overlay a deposit of firm, mid reddish brown subsoil.

Finds from the upper deposit of topsoil (4-1) and the upper part of the clay (4-2) were indicative of the period in which the estate was built. The wall tile and nails may be left-over material from construction while the toy soldier shows casual loss from playing in the garden. Modern finds from the upper part of the clay (4-2) are likely to have been pressed down from above.

Pottery from the 17th- 19th century was recovered from the re-deposited natural clay (4-3) and (4-4). It was mixed with 20th century material in both deposits.

Test Pit 5

NGR: SK 82539 89539 North Parade

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|--------------------------------------------|---------------------------------------------|
| 5-1 | 0m - 0.1m | Dark greyish brown sandy silt, topsoil | Aluminium foil, Kinder egg cover, glass | 20 th century |
| 5-2 | 0.11m - 0.2m | Mid reddish brown clayey silt. Subsoil | Pot, CBM, iron slag, clay pipe stem, bone | 17 th – 19 th century |
| 5-3 | 0.21m - 0.3m | Mid reddish brown clayey silt. Subsoil | Pot, cbm, clay pipe, glass and shell, bone | 17 th – 20 th |

A thin layer of topsoil overlay reddish brown clayey silt subsoil.

A large proportion of the pottery dated from around the 18th century and was recovered from the re-deposited natural (5-2) and (5-3). This included a fragment of a hand-painted Chinese export porcelain plate, some Coal Measures orangeware and Staffordshire salt glazed stoneware. A fragment of a green glass vessel of a similar date was also recovered from the lower spit within the clay (5-3). 18th and 19th century clay tobacco pipe were also recovered from these deposits. The frequency of material from this period was considerably lower at this depth at Test Pit 3 further south on North Parade. A piece of shell was recovered that may be either Tellin; a seaside shell, perhaps brought back from a family excursion, or freshwater mussel, used as a foodstuff from the river in the 18th and 19th century. Mammal and bird bones were recovered from the subsoil also.

Test Pit 6

NGR: SK 82499 89461 The Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|---------------------------------------------------------|---------------------------------------------|
| 6-1 | 0m - 0.1m | Dark greyish brown sandy silt, topsoil | Pot, CBM, glass, clay pipe, plastic, metal, tooth, bone | 17 th – 20 th century |
| 6-2 | 0.11m - 0.2m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, metal | 19 th – 20 th century |
| 6-3 | 0.21m - 0.3m | Mid reddish brown clayey silt. Subsoil | Pot, clay pipe, metal, bone | 19 th – 20 th century |
| 6-4 | 0.31m – .35m | Mid reddish brown clayey silt. Subsoil | Pot, cbm, clay pipe, glass, concrete, bone | 18 th – 20 th century |

Within this test pit, topsoil was slightly thicker than in other areas, being a full 20cm in depth. It overlay a firm, clayey silt subsoil.

Finds were fairly evenly deposited throughout the spits but with a greater frequency in the topsoil. Similarly to test pits on North Parade to the east, the pottery contained a sizeable percentage dating from the 17th to 19th century with Staffordshire slipwares and mottled glazed wares and Nottingham stoneware from the 17th and 18th century. Later pottery types included blue, transfer printed chinoiserie and floral patterned transfer printed pearlware. The finds were interspersed in all deposits with later, 20th century material such as the arm from a pair of spectacles in (6-3) and the top of a Smarties tube and fragments of a compact disc in (6-1).

Test Pit 7

NGR: SK 82647 89503 The Green

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|--------------------------------------------------------|--------------------------------------------------|---------------------------------------------|
| 7-1 | 0m – 0.1m | Dark greyish brown sandy silt, topsoil | Glass, clay pipe, coin | 18 th – 20 th century |
| 7-2 | 0.11m – 0.2m | Mid brownish red clay. Natural (redeposited) / subsoil | Pot, glass, clay pipe, CBM, knife blade, plastic | 13 th – 20 th century |

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|--------------------------------------------------------|-----------------------|---------------------------------------------|
| 7-3 | 0.21m – 0.27m | Mid brownish red clay. Natural (redeposited) / subsoil | Pot, CBM, glass, bone | 17 th – 19 th century |

Topsoil in this test pit was relatively thin, only just measuring 0.1m in thickness. It was also very firmly compacted. As with the other test pits, it overlay a stiff, re-deposited natural clay soil.

Pottery recovered was, largely 17th to 19th century in date with Staffordshire mottled wares and London stoneware from the 17th century found in (7-2), and from the 19th century, hand-painted Chinese export porcelain from (7-3). A notable exception in (7-2) was a single sherd of Beverly ware from the 13th – 14th century.

Other finds included a 1p coin of 1981 from the topsoil and a fragment of a post-medieval knife blade from just below in (7-2). Glass was recovered from each of the spits, including half of an 18th century glass sphere from the topsoil (7-1), pale green window and bottle glass from the top of the clay (7-2) and part of a brown vessel, possibly a beer bottle from (7-3).



Plate 3 – Half a large glass marble from Test Pit 7

Test Pit 8

Not excavated

Test Pit 9

NGR: SK 82588 89338 Upton Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|-----------------------------------|---------------------------------------------|
| 9-1 | 0m - 0.08m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, glass, coin, bone | 17 th – 20 th century |
| 9-2 | 0.09m – 0.2m | Mid reddish brown clayey silt. Subsoil | Glass, plastic, clay pipe, bone | 17 th – 20 th century |
| 9-3 | 0.21m – 0.33m | Mid reddish brown clayey silt. Subsoil | Pot, plastic | 17 th – 20 th century |

Topsoil was relatively thin, overlying a firm deposit of subsoil, possibly mixed with re-deposited natural material.

Pottery from the topsoil and the lower part of the subsoil (9-3) dated in general to around the 17th – 19th century, although an earlier piece of Coal Measures orangeware from the 15th – 16th century was recovered from (9-3). In each deposit, material dating from the 20th century was also recovered.

Test Pit 10

NGR: SK 82539 89326 Number 25 Sturgate Walk (rear).

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|--------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------|
| 10-1 | 0m – 0.1m | Dark greyish brown sandy silt, topsoil | Pot, CBM, clay pipe, glass, bone | 18 th – 20 th century |
| 10-2 | 0.11m -0.2m | Mid reddish brown clayey silt. Subsoil | Pot, glass, CBM, clay pipe, metal, shell, bone | 13 th – 20 th century |
| 10-3 | 0.21m – 0.3m | Mid brownish red clay. Natural (redeposited) / subsoil | Pot, possible slag, glass, clay pipe, plastic, stone bead, bone | 13 th – 20 th century |
| 10-4 | 0.31m – 0.4m | Mid brownish red clay. Natural (redeposited) / subsoil | Pot, glass, bone | 14 th – 19 th century |
| 10-5 | 0.41m 0.5m | Mid brownish red clay. Natural (redeposited) / subsoil | Pot, shell, bone | 14 th – 16 th century. |

Below the topsoil was a firm subsoil deposit that was mixed with re-deposited natural clay. Beneath this was a relatively pure layer of re-deposited natural.

The pottery from this test pit is notable in that along with the 17th – 19th century sherds that appear to be deposited all over the estate, there is a high frequency of medieval pottery types from within the re-deposited natural (10-3) to (10-5). In the upper spit (19-3), Jar or jug fragments of Lincoln glazed ware from the 13th century and Humberware from the 14th century were recovered. Humberware was also found in (10-4) and the lowest spit (10-5).

Other finds included clay pipe. A decorated piece of bowl and a glazed stem were recovered from the topsoil (10-1). Glass was recovered from each spit apart from the lowest (10-5). Most was 20th century but a heavily degraded piece of 18th century glass was recovered from (10-4).

20th century material was recovered from the top three spits, including plastic plant markers and a clothes peg from (10-1), a cassette tape from (10-2) and a toy soldier from (10-3). In the lower spits, finds were considerably fewer and dated from the 16th to 19th centuries only.

A considerable quantity of animal bone was recovered from this test pit, some showing evidence of butchery marks.



Plate 4 - Decorated and glazed clay pipe from Test Pit 10

Test Pit 11

NGR SK 82527 89318 Number 25 Sturgate Walk (front)

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|-------------------------------------------------|---------------------------------------------|
| 11-1 | 0m – 0.1m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, CBM, glass, nail, plastic, bone | 16 th – 20 th century |

Due to time constraints, only one spit of 10cm through the topsoil was excavated. From this, however, tin glazed earthenware pottery from the 16th century, black glazed ware from the 17th century and pearlware from the 19th century were recovered. 20th century finds included a nail, some plastic comb fragments and the remains of a polystyrene cup.

Test Pit 12

NGR SK 82431 89439 Number 47 Middlefield Lane

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|-----------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------|
| 12 | 0m – 0.35m | Dark greyish brown sandy silt, topsoil and mid brownish red clay natural (re-deposited) | Pot, oyster shell, glass, clay pipe, plastic, bone | 13 th – 20 th century |

Finds were not separated by spit numbers in this test pit, but approximately 0.15m of topsoil overlay the re-deposited natural red clay. Much of the pottery came from within the re-deposited natural, the earliest being 2 fragments of Beverly Orange ware from the 13th century. Humberware of the 14th to 16th century and 17th to 18th century brown glazed earthenware, Staffordshire mottled and Staffordshire slipware were recovered along with 18th to 19th century whiteware and creamware.

Clay pipe stems and bowl fragments from the 19th century along with Green and brown glass from the 20th century were recovered. 20th century plastic was also present within the topsoil.

Test Pits 13 and 14

Not excavated

Test Pit 15

NGR SK 82581 89312 Number 35 Aisby Walk.

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|--------------------------------------------------|---------------------------------------------|---------------------------------------------|
| 15-1 | 0m- 0.1m | Dark greyish brown sandy silt, topsoil | Pot, Plastic, shell, glass, clay pipe | 13 th – 20 th century |
| 15-2 | 0.11m – 0.18m | Dark greyish brown sandy silt, compacted topsoil | Pot, clay pipe, glass, nails, plastic, bone | 16 th – 20 th century |
| 15-3 | 0.19m 0.3m | Mid brownish red clay. Natural (redeposited) | Pot, clay pipe stem | 17 th – 19 th century |
| 15-4 | 0.31m – 0.34m | Mid brownish red clay. Natural (redeposited) | Pot, clay pipe, glass, shell | 13 th – 19 th century |



Excavated in the back garden, the topsoil below the lawn was approximately 0.18m thick with the lower 10cm in spit (15-2) being much more compacted. It sat over re-deposited natural clay.

Dating to the 13th to 14th century, Beverley and Lincoln wares were recovered from the uppermost spit and Beverley ware from the lowermost, (15-1) and (15-4) respectively. Frechen stoneware from 16th to 18th century pottery was found in (15-2) along with 19th and 20th century fragments.

Clay pipe from 17th to 19th century was found in each spit, as was oyster shell and 20th century material was scattered throughout the top 2 spits. A black plastic toy cat was found in the topsoil along with a spark plug fitting. Nothing later than the 19th century was recovered from the bottom two spits

Plate 5 - Black plastic gumball machine toy cat from Test Pit 15.

Test Pit 16

NGR: SK 82457 89351 Number 4 Sturgate Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| 16-1 | 0m 0.1m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, bone button, concrete | 17 th – 20 th century |
| 16-2 | 0.11m – 0.16m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, rubber backed fabric | |

In this front garden in Sturgate Walk, looking out onto Middlefield Lane, only the friable topsoil was excavated due to time constraints. Within this deposit, along with 20th century material such as concrete and rubber backed fabric, a bone button dating to the late post-medieval period was found in the upper spit (16-1), the stem of a clay pipes were found in both (16-1) and (16-2) and pottery was also recovered from both spits. As with elsewhere across the estate, much of the pottery dated

from 17th to 19th century. At the earlier end of this scale were examples of tin glazed earthenware and Westerwald stoneware and slipware. Towards the 19th century, Pearlware and porcelain sherds were recovered. Although infrequent, pottery from the medieval period was also recovered. 13th century Beverley orange ware and 14th to 16th century Humberware was recovered from the upper spit (16-1).

Test Pit 17

NGR: SK82802 89525 Dunstall Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------------------|-------------------------------------|---------------------------------------------|
| 17-1 | 0m - 0.1m | Dark greyish brown sandy silt, topsoil | Pot, clay pipe, iron, plastic, bone | 17 th – 20 th century |
| 17-2 | 0.1m – 0.18m | Dark greyish brown sandy silt, topsoil (compacted) | Pot, clay pipe, glass, nail, bone | 14 th – 20 th century |
| 17-3 | 0.19m – 0.3m | Mid brownish red clay. Natural (redeposited) | Pot, clay pipe, glass, shell, bone | 13 th – 20 th century |
| 17-4 | 0.31m – 0.4m | Mid brownish red clay. Natural (redeposited) | Pot, clay pipe, glass | 15 th – 19 th century |
| 17-5 | 0.41m – 0.48m | Mid brownish red clay. Natural (redeposited) | Pot, clay pipe, glass, shell, bone | 17 th – 19 th century |

Despite the depth of the test pit achieved, only topsoil and re-deposited natural clay was uncovered. The re-deposited clay differs from the subsoil found to the west, and can be seen to be re-deposited in that artefacts were recovered from it. The thickness of this deposit suggests that the ground has been raised quite considerably in this area.

20th century material such as nails, an iron sheet and glass was recovered from the topsoil (17-1) and (17-2) and the uppermost spit of the clay (17-3). Clay pipe was present in each of the deposits, the majority of which dated from the 18th century, although 17th century bowl fragments were found in (17-3) and (17-5).

The latest pottery dated from the 19th century. Creamware was recovered from (17-1), Whiteware from (17-2) and Pearlware from (17-3) and (17-4). 17th to 18th century pottery was recovered from each deposit, but earlier types were also present. A fragment of 15th to 17th century Cistercian ware was found in (17-4), Humberware from 14th to 16th century from (17-2) and 13th to 14th century Beverley orange ware from (17-3).

Test Pit 18

NGR: 82559 89509 North Parade

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|------------------------------------------------------|---------------------------------------------|
| 18-1 | 0m – 0.11m | Dark greyish brown sandy silt, topsoil | Copper wire | 20 th century |
| 18-2 | 0.12m – 0.2m | Mid reddish brown clayey silt. Subsoil | Pot, glass, clay pipe, nails, ring pull, bone | 12 th 20 th century |
| 18-3 | 0.21m 0.26m | Mid reddish brown clayey silt. Subsoil | Pot, glass, clay pipe, bird bone, iron sheet, rubber | 17 th – 20 th century |

As with the other test pits on North Parade (3 and 5), a thin layer of topsoil (18-1) overlay a firm deposit of clayey silt subsoil (18-2) and (18-3).

20th century material was recovered from each of the excavated spits such as glass, nails and a ring pull from (18-2) and rubber from (18-3). Pottery dated mainly from the 18th to 19th century and

was recovered from (18-2) and (18-3) although earlier types such as black glazed ware from the 16th century and Beverley ware from 12th to 14th century were recovered from (18-3).

Test Pit 19

NGR: 82473 89501 The Walk

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|---------------------------------------------------------------|---------------------------------------------|
| 19-1 | 0m – 0.12m | Dark greyish brown sandy silt, topsoil | Pot, coins, plastic | 18 th – 20 th century |
| 19-2 | 0.13m – 0.2m | Mid reddish brown clayey silt. Subsoil | Pot, clay pipe, shell, bone, metal, can, plastic toy fragment | 16 th – 20 th century |
| 19-3 | 0.2m – 0.28m | Mid reddish brown clayey silt. Subsoil | Pot, clay pipe, wire, sweet wrapper | 14 th -20 th century |

Similarly to Test Pit 6, further south on The Walk, topsoil (1901) overlay a deposit of firm subsoil (19-2) and (19-3). Finds from the 20th century were recovered in each of these deposits including a half penny piece from 1974 in (19-1).

Pottery was recovered from each of the excavated spits. A wide date range was recorded, the majority from 17th to 19th century, such as a black glazed jar or bowl fragment of the 17th century from (19-2) to 19th to 20th century porcelain from the same spit. The earliest pottery was Humberware, also recovered from (19-2).

Test Pit 20

NGR: 82537 89408 Upton Walk.

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|----------------------------------------------------------|---------------------------------------------|
| 20-1 | 0m – 0.8m | Dark greyish brown sandy silt, topsoil | Pot, shell, bone, glass, Clay pipe, plastic toy fragment | 15 th – 20 th century |
| 20-2 | 0.9m – 0.2m | Mid reddish brown clayey silt. Subsoil | None | NA |
| 20-3 | 0.2m – 0.3m | Mid reddish brown clayey silt. Subsoil | Pot, shell, bone, clay pipe, metal, rubber | 15 th – 20 th century |
| 20-4 | 0.3m -0.4m | Mid reddish brown clayey silt. Subsoil | Pot, shell, bone, clay pipe, | 17 th |
| 20-5 | 0.4m – 0.45m | Mid reddish brown clayey silt. Subsoil | Pot, shell, bone, clay pipe | 15 th – 18 th |

Test Pit 20 showed the same sequence of deposits as Test Pit 9 further south on Upton Walk. A thin topsoil layer (20-1) overlay a firm subsoil deposit (20-2) – (20-5).

The topsoil contained artefacts from the 20th century, as did the spit (20-3). Clay pipe was found in each deposit apart from (20-2) from which no artefacts were recovered. The clay pipe dated from 17th to 19th century.

Pottery ranged from 16th to 20th century, however, only one sherd of 20th century pottery was recovered, a fragment of porcelain within the topsoil. Much of the pottery was from the 18th and 19th century, although earlier pottery such as Coal Measures Orangeware from 15th – 16th century was recovered from (20-1) and (20-5) and Cistercian type ware of similar date from (20-3).



Plate 6 -Test Pit 20 excavated on a 'Radburn' green at Upton Walk (north)

Test Pit 21

Not excavated

Test Pit 22

NGR: SK 82541 89731 Hillcrest Early Years Academy

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|----------------------------------------------|---------------------------------------------|
| 22-1 | 0m – 0.12m | Dark greyish brown sandy silt, topsoil | Pot, glass, nail | 17 th -20 th century |
| 22-2 | 0.12m – 0.2m | Dark greyish brown sandy silt, topsoil | Pot, glass, clay pipe, concrete, plastic cup | 16 th – 20 th century |

Excavated on the front lawn of the Hillcrest Early Years Academy, only the topsoil was examined due to time constraints. 20th century material such as glass and plastic was present while the pottery ranged from 16th century Cistercian type ware in (22-2) to 19th century Pearlware in both spits.

Test Pit 23

NGR: SK 82573 89775 Hillcrest Early Years Academy

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------|---------------------------------|---------------------------------------------|
| 23-1 | 0m-0.1m | Dark greyish brown sandy silt, topsoil | Pot, plastic | 18 th – 20 th century |
| 23-2 | 0.11m-0.2m | Dark greyish brown sandy silt, topsoil | Pot, glass, copper button, bone | 16 th – 19 th century |



As with Test Pit 22, this Test pit, excavated at the rear of the Academy adjacent to Test Pit 2, only uncovered topsoil deposits due to time constraints. The uppermost spit (23-1) contained 20th century material while artefacts from the second spit (23-2) included 19th century glass and a post-medieval copper alloy button.

Pottery included slipwares from 18th and 19th century and lustreware from the 19th century. The earliest pottery type, part of a Cistercian type ware drinking vessel was recovered from (23-2).

Test Pit 24

NGR: SK 82439 89361 Middlefield Lane (grass island)

| context number | depth (m) - BGL | description / interpretation | Key Finds | Period |
|----------------|-----------------|----------------------------------------------|-----------------------------|---------------------------------------------|
| 24-1 | 0m-0.1m | Dark greyish brown sandy silt, topsoil | Pot, glass, clay pipe stem, | 19 th – 20 th century |
| 24-2 | 0.1m-0.22m | Dark greyish brown sandy silt, topsoil | Glass, concrete | 20 th century |
| 24-3 | 0.23m-0.3m | Mid brownish red clay. Natural (redeposited) | None | NA |
| 24-4 | 0.31m-0.36m | Mid brownish red clay. Natural (redeposited) | Pot, Glass | 19 th - 20 th century |

A moderately thick deposit of topsoil, (approximately 0.22m thick) compared with the rest of the estate contained 20th century material with sherds of 19th century Pearlware and porcelain in (24-1). The re-deposited natural clay also contained pottery of a similar type and date range.

5. PARTICIPANT FEEDBACK

Around 60 local residents volunteered to carry out the excavations, and more than 100 infant school pupils also participated. The excavations took part over two periods of two days from Friday to Saturday (four days in total). This allowed children at the local school to take part during the school day, and people at work during the week to take part on the Saturday. Volunteers worked in teams of between two and ten per pit, some in family groups, others working with neighbours or people they had only met on the morning of the excavations. Some children worked on one pit throughout, others circulated from one pit to another to compare progress and find out what had been unearthed.

Feedback forms were completed by at least one representative of each of the 20 excavated test pits, and these, combined with participant observation, were used to assess the impact that participation had on volunteers.

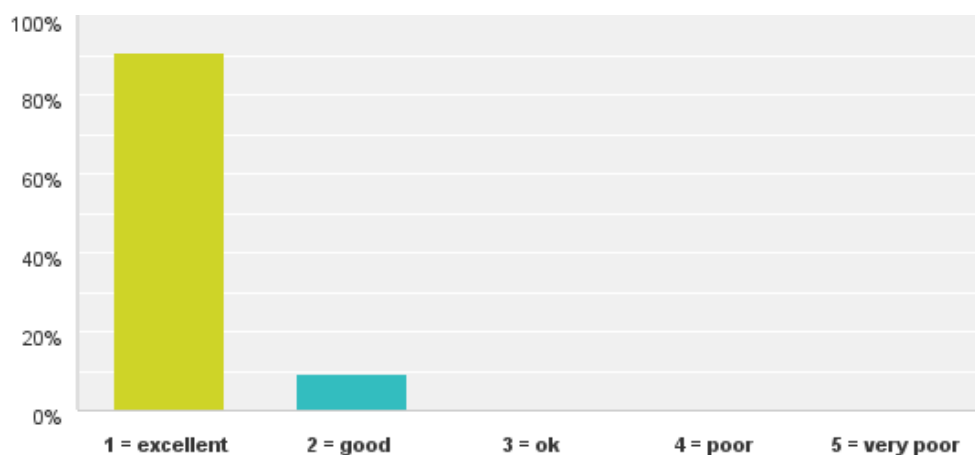


Figure 3 - Volunteer responses to Question 1 'How would you rate the activity?'

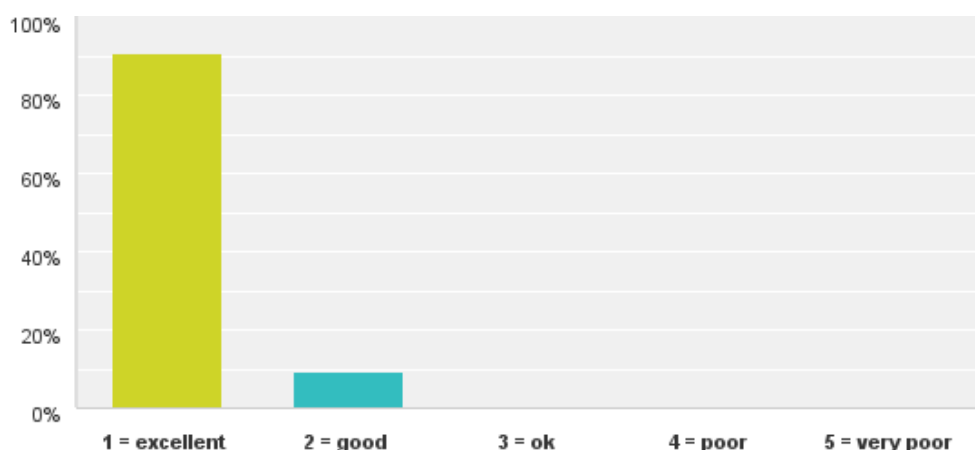


Figure 4 - Volunteer responses to Question 2 'How did the activity compare to your expectations?'

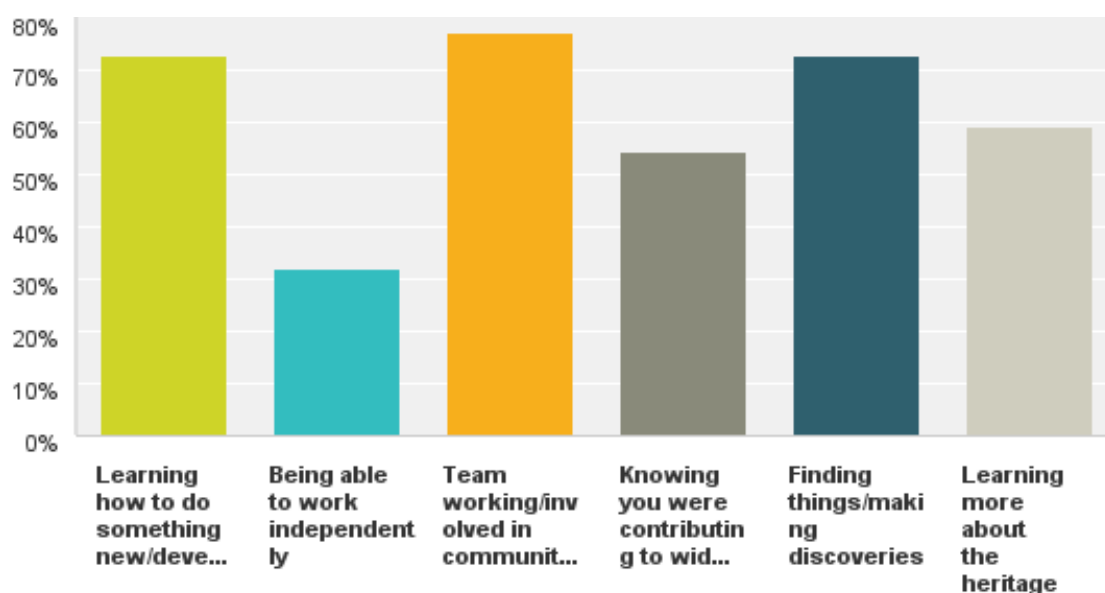


Figure 5 - Volunteer responses to Question 3 'What aspects did you enjoy?'

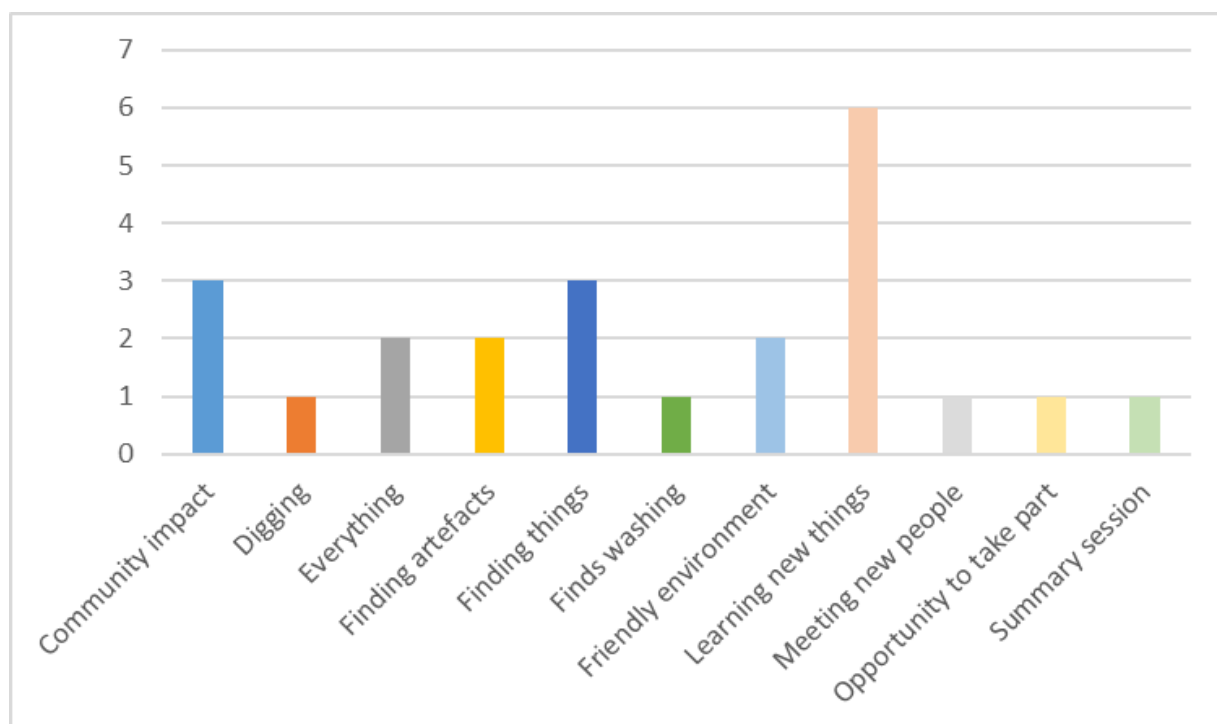


Figure 6 - Volunteer responses to Question 4 'Was there anything else you enjoyed?'

Volunteers were also asked to indicate the extent to which they agreed or disagreed with a series of statements about the impact the excavations had on their interest in archaeology, heritage and their local environment, and on the development of a range of skills which it is known that participation in test pit excavation projects can deliver (Johnson and Lewis 2013; Lewis 2014).

| | Strongly agree | Agree | Neither agree nor disagree | Disagree | Strongly disagree | Total |
|------------------------------------------------------------------------------------------|----------------|------------|----------------------------|-----------|-------------------|-------|
| I know more about the archaeology and history of the site/area than I did before | 70.0% 14 | 20.0% 4 | 10.0% 2 | 0.0% 0 | 0.0% 0 | 20 |
| I feel more engaged with the archaeology and the heritage of the site/area than before | 55.0% 11 | 35.0% 7 | 10.0% 2 | 0.0% 0 | 0.0% 0 | 20 |
| I will take more interest in the archaeology and heritage of the site/area in the future | 55.0% 11 | 45.0% 9 | 0.0% 0 | 0.0% 0 | 0.0% 0 | 20 |
| I will take more interest in archaeology and heritage generally in the future | 55.0% 11 | 45.0% 9 | 0.0% 0 | 0.0% 0 | 0.0% 0 | 20 |

Figure 7 - Volunteer responses to Question 5 exploring the impact of participation on attitudes to archaeology and heritage

| | Strongly agree | Agree | Neither agree nor disagree | Disagree | Strongly disagree | Total |
|----------------------------------------------------------------------------------------------------------------------|----------------|-------------|----------------------------|-----------|-------------------|-------|
| Discussing your own and other people's ideas and talking about what you've done and discovered to different people | 40.0% 8 | 45.0% 9 | 15.0% 3 | 0.0% 0 | 0.0% 0 | 20 |
| Completing an investigation looking for new data by correctly following a set procedure and working to set standards | 36.8% 7 | 36.8% 7 | 26.3% 5 | 0.0% 0 | 0.0% 0 | 19 |
| Using your imagination intelligently to come up with ideas to explain your team's findings or solve problems | 36.8% 7 | 36.8% 7 | 26.3% 5 | 0.0% 0 | 0.0% 0 | 19 |
| Assessing how you and others approach set tasks, and using this to make necessary changes | 42.1% 8 | 52.6% 10 | 5.3% 1 | 0.0% 0 | 0.0% 0 | 19 |
| Working persistently hard over the two days and maintaining a high standard of work and positive attitude to tasks | 63.2% 12 | 21.1% 4 | 15.8% 3 | 0.0% 0 | 0.0% 0 | 19 |
| Being a good team member, by completing your own tasks and helping ensure that others have the help they needed | 63.2% 12 | 26.3% 5 | 10.5% 2 | 0.0% 0 | 0.0% 0 | 19 |

Figure 8 - Volunteer responses to Question 6 assessing the impact of participation on skills

6. DISCUSSION

The excavations and the data presented above advance understanding of a range of aspects of the site and its historical and social context.

6.1 Medieval and early modern.

The small number of abraded medieval sherds recovered from the pits showed the area had been used as manured arable in the medieval period, which was not unexpected and correlates with the 'Middlefield' place name based on earlier field names. The excavations also produced an unexpectedly large volume of 17th and 18th century finds, present in most of the pits (plate 8). There is no known settlement of this date nearby so this was unexpected. The presence of this pottery is tentatively inferred to result from the practice of spreading night-soil from Gainsborough (Parker, unpublished excavation report), but the assemblage is dominated by table wares, with relatively few of the redwares which usually dominate assemblages of this period, thus an entirely satisfactory explanation remains elusive. Finds of clay tobacco pipes are mostly of 18th - 19th century date and may be inferred to reflect the presence of agricultural labourers on the land before the estate was built.

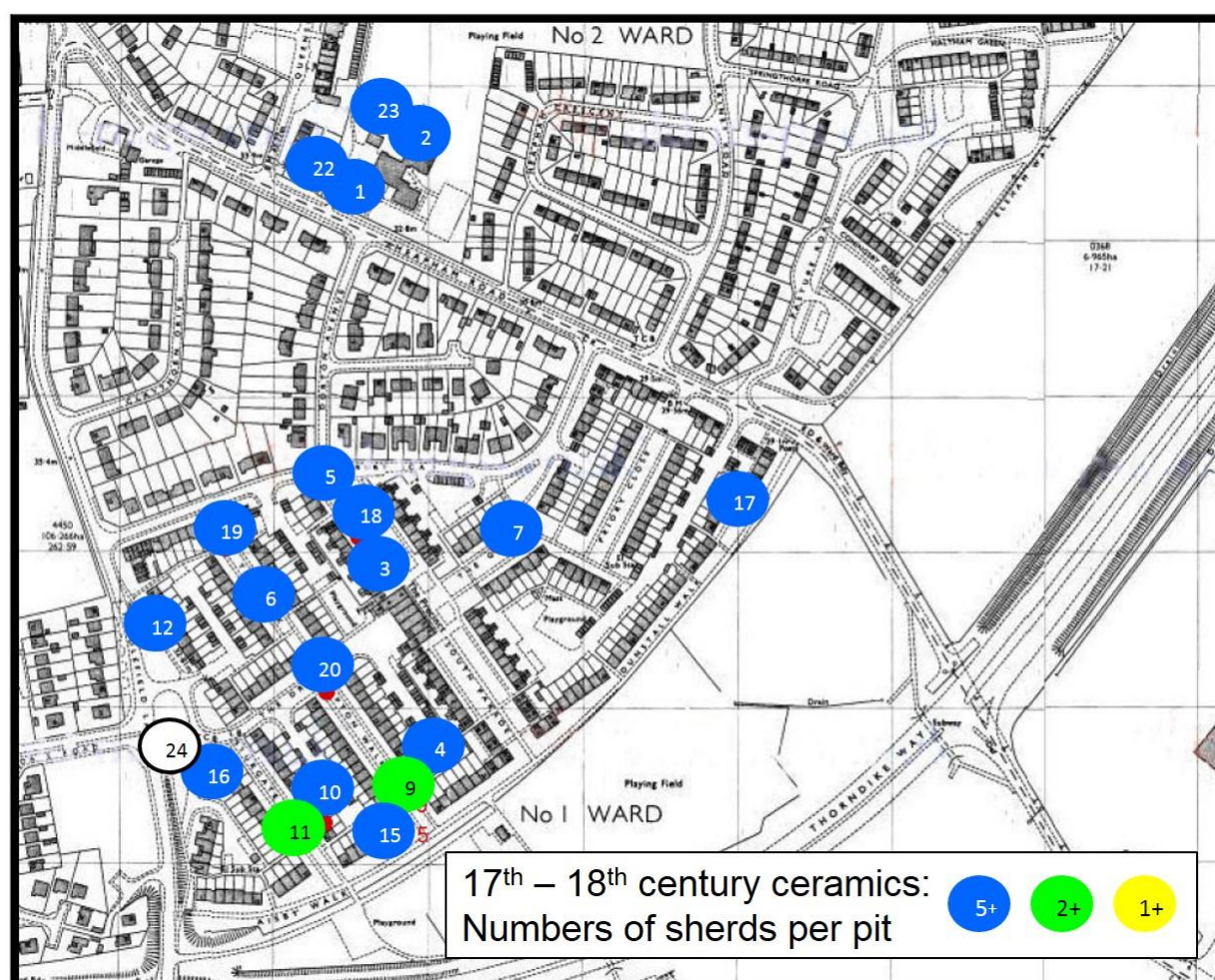


Figure 9 - Map showing the distribution the distribution of pottery of 17th and 18th century date (white = no finds; yellow = 1 sherd; green = 2-4 sherds; blue = 5+ sherds). Test pit numbers are shown within mapped circles.

6.2 Mid-late 20th century

The test pit excavations showed how the estate was used in the mid-late 20th century, and in particular how children made use of its iconic greens. The test pits yielded more than 20 child-related finds of 20th century date. These included items directly related to play such as marbles and plastic toy fragments as well as items related to sweets most commonly consumed by children (eg Kinder eggs, Smarties) (Figure 10). Plastic beads are considered most likely to have belonged to children, but these may also have come from adult jewellery or clothing. The significance of the number of child-related finds can be assessed by comparing the data with similar excavations elsewhere. It was fortunately possible to do this, as more than 2,000 pits of identical size have been excavated using the same methods in the gardens in rural homes in scores of villages in eastern England (Lewis 2014b). Comparison with 400 of these showed that the Middlefield test pits contained up to four times as many child-related finds as the rural village garden pits. This strongly suggests that the Radburn greens were used by children for play.



Plate 7 - A selection of child-related finds from test pits in Middlefield Lane

| Find type | Material | TP number | Context number | Location type | Notes |
|-----------------------------------|----------|-----------|----------------|-------------------|------------------------------------------------------------------------------------------|
| marble | glass | 1 | 7 | school playground | colourless with red centre, 16mm diameter |
| toy vehicle wheel | plastic | 3 | 1 | green (Radburn) | |
| marble | glass | 3 | 1 | green (Radburn) | colourless with tri-colour centre, mid-blue, pale blue and white, 16mm diameter |
| marble | glass | 3 | 1 | green (Radburn) | colourless with green centre, 16mm diameter |
| marble | glass | 3 | 1 | green (Radburn) | colourless with red centre, chip missing from one side, 16mm diameter |
| toy soldier | plastic | 4 | 1 | green (Radburn) | |
| toy packaging (kinder egg) | plastic | 5 | 1 | green (Radburn) | |
| sweet packaging (smartie tub top) | plastic | 6 | 1 | green (Radburn) | |
| marble | glass | 7 | 1 | green (Radburn) | large blue marble with irridescent surface, broken with only half present, 45mm diameter |
| bead | plastic | 10 | 2 | garden (back) | |
| toy soldier | plastic | 10 | 3 | garden (back) | grey plastic, feet missing |
| bead | stone? | 10 | 3 | garden (back) | |

| | | | | | |
|---------------------------------------|---------|----|---|-----------------|--------------------------------------------------------------------------|
| ball | rubber | 11 | 1 | green (Radburn) | |
| marble | glass | 11 | 1 | green (Radburn) | colourless with tri-colour centre, blue, yellow and white, 16mm diameter |
| toy cat | plastic | 15 | 1 | garden (front) | gumball toy ?mascot or cereal packet toy |
| bead | plastic | 15 | 1 | garden (front) | red plastic faceted bead |
| toy soldier legs | plastic | 19 | 2 | green (Radburn) | |
| marble | glass | 19 | 2 | green (Radburn) | colourless with white centre, 16mm diameter |
| marble | glass | 19 | 3 | green (Radburn) | colourless with blue centre, 16mm diameter |
| sweet packaging (Curly Wurly wrapper) | plastic | 19 | 2 | green (Radburn) | |
| toy soldier base | plastic | 20 | 1 | green (Radburn) | |

Figure 10 – Child-related finds from Middlefield Lane test pits

As the Radburn greens, laid out as open spaces close to homes but separated from cars, were designed precisely for the purpose of providing children with safe space in which to socialise, the unearthing at Middlefield of significantly large numbers of child-related finds constitutes compelling evidence that the planners' aspirations were, in fact, met. This adds significant new evidential weight to arguments that the ideals of the 1960s estate planners were appropriate for contemporary social needs (Waites 2016) and supports the suggestion that the reasons for the decline of such estates subsequently cannot be ascribed to inherent weaknesses in their original design. This by inference casts the burden of responsibility onto their subsequent management. This is important as the value of Radburn estates had been called into question by scholars and commentators who have suggested the Radburn plan was an unrealistic 'Utopian' idea badly executed (Ravetz 2001). The Middlefield excavations have thus served to 'ground-truth' the shrill debates about the value of social house-building programmes, in an era when high housing costs have coincided with neo-liberal cuts in public spending since the 2008 financial crash. Since the Middlefield excavations took place, the devastating destruction by fire of the Grenfell Tower social housing block in central London has brought this issue into even sharper focus.

6.3 Social impact

Somewhat different but no less significant new perspectives derive from the feedback data provided by volunteers on the 2016 excavations. In respect of the social impact of the project, feedback showed it delivered an enjoyable experience which enriched the lives of people participating. All rated the experience overall as 'good' or 'excellent', with 90% rating it excellent. 96% said they enjoyed it more or much more than they expected to (with 72% saying they enjoyed it much more). This shows that participative community excavations are able to provide enriching experiences even in communities with no established habit of heritage volunteering.

When asked what aspect(s) they had enjoyed, nearly 80% highlighted 'working in a team/with the local community' and more than 70% highlighted 'learning something new'. The importance to volunteers of 'learning new things' was additionally emphasised by this being by far the most frequently written-in comment as well. Responses to the open-ended question 'was there anything else you enjoyed?' which included "the community feel to the whole dig", "meeting new people, making new discoveries" and "people showing an interest in our finds" also highlighted the effectiveness with which the excavations helped develop community spirit and provide valued

learning opportunities. This is significant given that communities such as Middlefield are often considered to lack social cohesion, with residents not interested in personal and professional development.

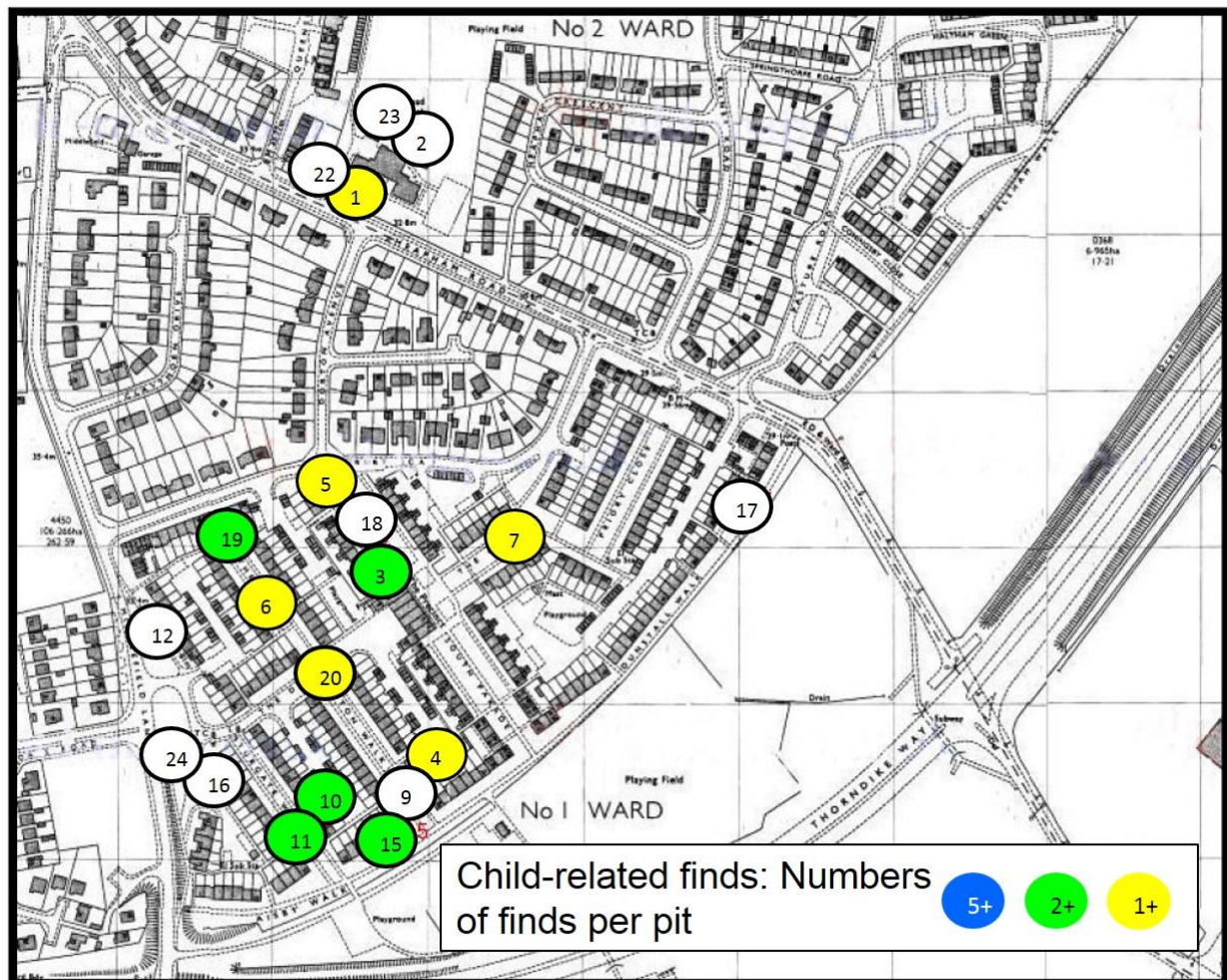


Figure 11 – Map showing the distribution of child-related finds from test pits in Middlefield Lane. (white = no finds; yellow = 1 find; green = 2-4 finds; blue = 5+ finds). Test pit numbers are shown within mapped circles.

The feedback also demonstrated the impact participation had on volunteers' knowledge, of and attitudes to, local heritage. 90% felt they knew more about the archaeology and history of the area after the excavations than they had before, and felt more engaged with it. All respondents felt they would take more interest in their local heritage in the future. This shows that the excavations, in spite of being sited in a place with no known archaeological sites where enquiry was focused not on 'authorised' heritage of a Roman villa or medieval castle, but on a 20th century social housing estate, were nonetheless able to advance local knowledge and enable people to feel more interested in and appreciative of the place they lived in.

85% felt the experience had helped them develop or improve skills in verbal communication, 74% felt it had helped them develop skills in working to set standards and developing ideas, 95% that it had helped develop skills in reflective learning, 84% felt it had helped develop skills in working persistently and maintaining a positive attitude, and 90% felt it had helped develop team working skills. These skills are all highly transferrable.



6.4 Conclusion

In conclusion, the excavations at Middlefield Lane have provided new archaeological evidence for the pre-estate use of the landscape and for the use of its 'Radburn-type' design by the post-war community in Gainsborough allowing inferences to be made regarding the impact the plan had on the lives of its 20th century inhabitants. The excavations have also shown how community archaeological excavations in the 21st century involving residents of disadvantaged communities can build social and cultural capital, generate an inspiring shared community experience, connect residents with the history of their estate, engage residents in university research and develop transferrable skills.



7. ACKNOWLEDGEMENTS

The 2016 excavations at Middlefield Lane were funded by the Arts and Humanities Research Council and their support is gratefully acknowledged. The excavations were directed by Professor Carenza Lewis of the University of Lincoln and supervised by Neil Parker of Archaeological Project Services at Heritage Lincolnshire. Dr Ian Waites of the University of Lincoln was the co-investigator for the project, Dr Anna Scott was the research assistant and the administrator was Julie Buckley. Finds analysis was carried out by Alex Beeby, Denise Buckley, Paul Cope Faulkner and Gary Taylor of Archaeological Project Services at Heritage Lincolnshire. ACIS housing trust kindly gave permission to excavate on the 'Radburn' greens and Hillcrest Early Years Academy provided support with project planning and community outreach as well as hosting four test pits in their grounds. Thanks are due to all the volunteers who took part in the excavations, too many to name here individually, including the residents of Middlefield Lane and their friends, relatives and neighbours, as well as the pupils of Hillcrest Early Years Academy and Gainsborough Scout Group, for all their hard work and enthusiasm. Particular thanks are due to Lucy Picksley and Laura McDonald and, especially, Sam Gibson and Melanie Pridgeon.



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9. APPENDICES: FINDS REPORTS AND CATALOGUES

9.1 POST ROMAN POTTERY

By Alex Beeby

Introduction

All the material was recorded at archive level in accordance with the guidelines laid out in Slowikowski *et al.* (2001). The pottery codenames (Cname) are in accordance with the Post Roman pottery type series for Lincolnshire, as published in Young *et al.* (2005). A total of 566 sherds from approximately 518 vessels, weighing 1417 grams was recovered from the test pits.

Methodology

The material was laid out and viewed in context order. Sherds were counted and weighed by individual vessel within each context. The pottery was examined visually and using x20 magnification. This information was then added to an Access database. An archive list of the pottery is included in Archive Catalogue 1, with a summary of pottery fabrics shown in Table 1 below. The pottery ranges in date from the medieval to the modern period.

Condition

The pottery is in an extremely fragmentary state, this is reflected in the very low average sherd weight of just 2.7 grams. It is remarkable that the pottery is so uniformly fragmentary, with very few pieces weighing more than 2.7 grams recovered. Whilst some instances of sooting are noted, which may be indicative of usage over a hearth or fire, few sherds show obvious signs of use; this is unsurprising though, given the type of vessels represented and the date of the material here.

Results

Table 1, Summary of the Post Roman Pottery

| Period | Cname | Full name | Earliest date | Latest date | NoS | NoV | W(g) |
|---------------------------|---------|-------------------------------------|---------------|-------------|-----|-----|------|
| Medieval | BEVO1/2 | Beverley ware Fabric 1/2 | 1100 | 1350 | 2 | 1 | 5 |
| | MEDLOC | Medieval local fabrics | 1150 | 1450 | 1 | 1 | 1 |
| | LSW2/3 | 13th to 15th century Lincoln glazed | 1200 | 1450 | 2 | 2 | 2 |
| | BEVO2 | Beverley Orange ware fabric 2 | 1230 | 1350 | 18 | 16 | 37 |
| Medieval to post medieval | CMW | Coal Measures whiteware | 1250 | 1550 | 1 | 1 | 2 |
| | HUM | Humberware | 1250 | 1550 | 15 | 11 | 82 |
| | CMO | Coal Measures orangeware | 1400 | 1550 | 4 | 4 | 34 |
| Post medieval | CIST | Cistercian-type ware | 1480 | 1650 | 9 | 8 | 14 |
| | PMED | Post-medieval red earthenwares | 1500 | 1800 | 14 | 12 | 25 |
| | PMX | Post-medieval non-local wares | 1500 | 1900 | 10 | 10 | 11 |
| | FREC | Frechen stoneware | 1530 | 1680 | 2 | 2 | 15 |
| | BERTH | Brown glazed earthenware | 1550 | 1800 | 33 | 30 | 102 |
| | BL | Black-glazed wares | 1550 | 1750 | 32 | 30 | 262 |
| | MY | Midlands yellow ware | 1550 | 1650 | 2 | 2 | 12 |
| | TGE | Tin-glazed earthenware | 1550 | 1750 | 14 | 14 | 17 |
| | WEST | Westerwald stoneware | 1600 | 1800 | 2 | 2 | 20 |
| | CHPO | Chinese export porcelain | 1640 | 1850 | 4 | 4 | 10 |
| | SLIP | Unidentified slipware | 1650 | 1750 | 7 | 7 | 12 |
| | STBRs | Staffordshire type brown slipware | 1650 | 1800 | 6 | 5 | 26 |
| | STSL | Staffordshire/Bristol type slipware | 1650 | 1780 | 20 | 20 | 78 |
| | LONS | London Stoneware | 1670 | 1800 | 1 | 1 | 2 |

| Period | Cname | Full name | Earliest date | Latest date | NoS | NoV | W(g) |
|------------------------------|-------|------------------------------------------------|---------------|-------------|-----|-----|------|
| | STMO | Staffordshire type mottled-glazed ware | 1670 | 1800 | 35 | 27 | 109 |
| | SWSG | Staffordshire type white salt-glazed stoneware | 1700 | 1770 | 25 | 22 | 31 |
| Post medieval to Early Early | ENGs | Unspecified English stoneware | 1690 | 1900 | 28 | 23 | 137 |
| | NOTS | Nottingham stoneware | 1690 | 1900 | 21 | 19 | 109 |
| | LERTH | Late earthenwares | 1700 | 1900 | 3 | 2 | 2 |
| | PORC | Porcelain | 1700 | 1900 | 38 | 33 | 70 |
| Early modern | CREA | Creamware | 1770 | 1830 | 28 | 14 | 49 |
| | PEARL | Pearlware | 1770 | 1900 | 131 | 143 | 169 |
| | LUST | Lustre ware | 1800 | 1950 | 1 | 1 | 1 |
| | NCBW | 19th-century buff ware | 1800 | 1900 | 13 | 12 | 17 |
| | WHITE | Modern whiteware | 1850 | 1900 | 44 | 39 | 54 |
| Total | | | | | 566 | 518 | 1517 |

The Pottery

Pottery dating from the medieval period through to the 20th century was recovered, with every test pit producing some material.

Medieval

There are a total of 43 sherds, from approximately 36 vessels of 12th to 15th or early 16th century date. This material makes up a relatively small proportion of the overall group, constituting just 6.9% of the entire assemblage by estimated number of vessels. Beverley ware fabrics (BEVO2/BEVO1/2) from East Yorkshire and Humberware fabrics from the Humber basin (HUM) are the most frequently occurring types, with 20 sherds of Beverley ware and 15 pieces of Humberware recorded. There is a broad range of pieces of 13th to 14th and 15th to early 16th century date, although none can be confidently dated to before AD1200. There are no early medieval or later Saxon dated ceramics.

Post Medieval

Post medieval pottery dated to between the 16th and 18th centuries is very well represented with at least half of the total assemblage produced during this period. Interestingly though, domestic cooking vessels including large jars and bowls are notably, proportionally underrepresented with a clear predominance of drinking vessels, dishes and plates.

Later 17th and 18th century pottery is especially well represented with large quantities of Staffordshire type mottled (STMO), and slipped (STSL, STBRS) wares, as well as salt-glazed stoneware (SWSG) types. Fragments from Nottingham/Derby stoneware tankards, and drinking vessels and larger domestic vessels in Black (BL) and brown (BERTH) lead glazed earthenwares are also common, as are white, tin glazed types (TGE). Whilst many of the pottery types recorded were produced during the 16th century, there are none which can be confidently dated solely to this period. The bulk of the post medieval material is certainly of 17th to 18th century date, with a larger proportion of 18th than 17th century types recorded.

Early Modern/Modern

Pottery of the 19th to early 20th century is well represented, particularly porcelain (PORC) and 19th century white glazed, Pearl (PEARL) and modern whiteware (WHITE). These are typical domestic types of the period. There is very little which could be said to postdate AD 1900, although a single fragment of WHITE from Test pit 24 (context 24-4) has a Royal Doulton potteries backstamp, dated to between 1902 and 1922. Interestingly there are no ceramics that are obviously contemporary with the construction and occupation of the housing estate, with virtually, if not entirely, all of the material dating to well before 1963.



Distribution of the Pottery

Medieval

Medieval type pottery was recovered from Test Pits 1, 2, 3, 7, 10, 12, 15, 16, 17, 18 and 19. There is no discernible pattern to the distribution of this material with pieces occurring across the surveyed area. Particular concentrations of medieval pottery came from Test Pits 1, 2, 10 and 12, with the largest quantity recovered from Test Pit 10, which gave seven sherds.

Post Medieval

Pottery dated to between the 16th and 18th centuries was recovered from every test pit except Test Pit 24. Notably, (with the exception of Test Pit 24), products of the Staffordshire potteries, dated to between 1650 and 1800, were recovered from every test pit. One particular ceramic type, Staffordshire mottled ware (STMO) occurred in 13 of the pits, these including numbers 1, 2, 3, 5, 6, 7, 10, 12, 15, 17, 18, 22 and 23; this really is quite remarkable. Staffordshire wares are generally tablewares, with plates/dishes and drinking vessels making up the bulk of the products of this large industry. The quantity of pottery of this type is not typical of rural sites in Lincolnshire, and the widespread distribution of the material across the entire estate is interesting. Within the context of the Middlefield area, this distribution is difficult to explain. It is possible that the soil that was used to as topsoil on the modern estate, was brought in to the site, bringing the pottery with it, perhaps from Gainsborough, or that waste from Gainsborough, possibly night soil, was brought into this area for disposal.

Early Modern/Modern

Pottery of 19th to early 20th century date was recovered from every test pit. Given the vast quantity of material produced and disposed of during this period, before the introduction of domestic refuse collections, this is not a great surprise.

Conclusions

A broad range of pottery types, dated from the 13th to the 20th centuries were recovered from across the area investigated. Although some test pits produced a larger quantity than perhaps might be expected from land utilised purely for agricultural use, perhaps indicating some level of settlement, the quantity of both medieval pottery and early modern pottery in most pits is relatively low and generally consistent with patterns of waste disposal and manuring scatter during those periods. However, the large quantity of post medieval pottery, particularly tablewares, of 17th and 18th century date is unusual, and entirely atypical of sites in rural Lincolnshire. The topsoil may have been brought in from an urban context or this pottery may be evidence of large scale deposition of waste here, perhaps as night soil, in the 17th and 18th centuries.

9.2 CERAMIC BUILDING MATERIAL

By Alex Beeby

Introduction

All the material was recorded at archive level in accordance with the guidelines laid out by the Archaeological Ceramic Building Materials Group (2002). A total of 508 fragments of ceramic building material, weighing 5727 grams was recovered from the site.

Methodology

The material was laid out and viewed in context order. Fragments were counted and weighed within each context. The ceramic building material was examined visually and using x20 magnification. This information was then added to an Access database. An archive list of the ceramic building material is included in Archive Catalogue 2, with a summary of types shown in Table 2 below.

Condition

The ceramic building material is in a fragmentary condition.

Results

Table 2, Summary of the Ceramic Building Material

| Cname | Full Name | NoF | W(g) |
|--------|---------------------------|-----|------|
| BRK | Brick | 15 | 803 |
| CBM | Ceramic building material | 273 | 811 |
| MALTK | Malting kiln floor tile | 1 | 117 |
| MODBRK | Modern brick | 60 | 1761 |

| | | | |
|----------|--------------------------|-----|------|
| MODCBM | Modern CBM | 22 | 53 |
| MODDRAIN | Modern land drain | 10 | 665 |
| MODTIL | Modern tile | 94 | 1174 |
| PANT | Pantile | 1 | 18 |
| PNR | Peg, nib or ridge tile | 7 | 87 |
| RFURN | Roof furniture | 1 | 23 |
| RTMISC | Roman or post-Roman tile | 24 | 215 |
| Total | | 508 | 5727 |

The Ceramic Building Material

Over half of the fragments (53.7%) are small and undiagnostic; many of these pieces are also heavily abraded, with no surviving original surfaces. Pieces such as these may derive from demolition waste, or may have been brought to Middlefield as hardcore reused as a building material, or as a part of a layer put down to create a hard surface, for example, at the entrance to a field or building site.

A further 36.6% of the ceramic building material fragments are of 20th century date. These pieces are probably largely construction waste related to the building of and later improvements of the houses on the estate. This category includes modern tile (MODTIL), foul water and surface water drainage pipe (MODDRAIN) and modern brick (MODBRK). There are 60 fragments of modern brick, most of which are of the same type. Several pieces are stamped with "LBC PHORPRES"; these are products of the London Brick Company (LBC), bricks which were commonly used in house construction after the second world war.

There are seven fragments of medieval or post medieval type nib, peg or ridge tile (PNR), 24 pieces of updatable roofing tile (RTMISC) and a piece of probable roof furniture (RFURN). The roof furniture is likely to be of medieval or post medieval date. A fragment of 19th century malting kiln tile (MALTK) from Test Pit 7, context 7-3, is of note, as this piece has clearly been brought to the site, probably from Gainsborough. There are no obvious patterns in the distribution of the material across the site.

Conclusions

There is no clear pattern in the distribution of the ceramic building material, with pieces spread across the test-pitted area. A large proportion of the ceramic building material is undiagnostic. The medieval and post medieval dated fragments probably derive from imported hardcore or are demolition of construction waste from nearby buildings, distributed across the landscape by ploughing and later soil movement during the construction of the estate. The modern material is mostly waste connected to the construction of the housing estate and later improvements.

9.3 SHELL

By Gary Taylor

Introduction

A total of 54 fragments of shell were recovered.

Methodology

The shell was laid out in context order, counted and weighed, before being identified and catalogued.

Condition

The overall condition of the remains was moderate-good.

Results

Table 3, Shell fragments Identified to Taxa

| Cxt | Taxon | Element | Side | Number | W (g) | Comments |
|-----|--------|---------|------|--------|-------|------------------------------|
| 2-2 | Oyster | Shell | top | 2 | 10 | U-shaped shucking notch on 1 |
| 2-4 | Oyster | Shell | | 1 | <1 | |



| | | | | | | |
|--------------|------------------------------|-------|--------|---|----|--|
| 3-2 | Oyster | Shell | bottom | 1 | <1 | |
| 3-3 | Oyster | Shell | | 2 | 15 | |
| 3-4 | Cockle | Shell | | 1 | <1 | |
| 4-1 | Oyster | Shell | top | 1 | 2 | |
| 5-2 | Cockle | Shell | | 2 | 1 | |
| 5-3 | Tellin or freshwater mussel? | Shell | | 1 | 1 | |
| 6-4 | Oyster | Shell | top | 2 | 4 | |
| 10-2 | Oyster | Shell | | 5 | 5 | |
| | Cockle | Shell | | 4 | 1 | |
| 10-3 | Oyster | Shell | bottom | 2 | 1 | |
| | Cockle | Shell | | 1 | <1 | |
| 10-4 | Oyster | Shell | bottom | 3 | 7 | |
| 10-5 | Cockle | Shell | | 4 | 1 | |
| | Oyster | Shell | top | 1 | <1 | |
| 12-all cxts. | Oyster | Shell | | 5 | 6 | |
| 15-1 | Oyster | Shell | | 1 | <1 | |
| 15-2 | Oyster | Shell | | 1 | <1 | |
| 15-3 | Oyster | Shell | | 2 | <1 | |
| 15-4 | Oyster | Shell | top | 1 | <1 | |
| 16-1 | Oyster | Shell | | 2 | 2 | |
| 17-3 | Oyster | Shell | | 1 | <1 | |
| 17-5 | Oyster | Shell | | 1 | <1 | |
| 19-2 | Oyster | Shell | top | 1 | 3 | |
| | Cockle | Shell | | 2 | 1 | |
| 20-1 | Cockle | Shell | | 1 | <1 | |
| 20-3 | Oyster | Shell | | 1 | <1 | |
| 20-4 | Oyster | Shell | | 1 | <1 | |
| 20-5 | Cockle | Shell | | 1 | <1 | |

Summary

Although most of the mollusc shells are probably food waste it is unlikely that all of it is, as there are several very small shells amongst the assemblage. It is possible that these minute shells were brought to the site on seaweed, used as fertilizer. There is a thin, even spread of shells from the test pits, with Test Pit 10 yielding the highest number. This test pit consistently yielded high numbers of all finds types.

9.4 ANIMAL BONE

By Paul Cope-Faulkner

Introduction

A total of 159 pieces of animal bone, weighing 429g , was recovered. The context assemblages were weighed to a minimum 1g measure.

Summary

The bone is in a generally fragmentary state and identification of species is rarely achievable. However, the two main domesticates cattle and sheep/goat were recovered with a single pig also present. Most of the large and medium mammal bones are likely to belong to these categories. Some of the bone is clearly butchery waste with several ribs having sawn ends, a typical processing feature of post-medieval and later date.

Bird bones were also quite numerous with many likely to be chicken. There are some wild birds evident in the assemblage though these have not been identified to species.

There is a small quantity of small mammal (rabbit, squirrel etc) and micro mammal (eg. rodents) remains, though again no attempt has been made to identify species.

The greater quantity of animal bone came from Test Pit 10; 54 fragments (225g). This not only has larger fragments evident but most of the ribs have been sawn. It is likely that this Test Pit was once located close to a butchers.

Table 4, Animal bone fragments Identified to Taxa

| Test Pit/L | Wt(g) | No.F | Comments |
|------------|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-4 | 2 | 1 | Medium mammal long bone |
| 1-5 | 27 | 2 | Large mammal humerus; sheep/goat molar |
| 1-7 | 8 | 1 | Large mammal metacarpus |
| 1-7(2) | 3 | 2 | Sheep/goat molar; unidentified |
| 2-2 | 5 | 3 | Large mammal long bone; medium mammal long bone; pig canine |
| 2-2(1) | 1 | 1 | Medium mammal long bone |
| 2-4 | 1 | 1 | Sheep/goat incisor |
| 3-1 | 1 | 1 | Medium mammal skull |
| 3-1-2 | 2 | 2 | Medium mammal long bone; medium mammal skull |
| 3-2 | 3 | 1 | Medium mammal vertebra |
| 3-2(5) | 4 | 5 | Medium mammal vertebra (2); medium mammal long bone |
| 3-3 | 9 | 5 | Large mammal long bone |
| 4-3 | 3 | 1 | Medium mammal long bone |
| 5-2 | 4 | 2 | Large mammal long bone |
| 5/2 | 5 | 3 | Medium mammal long bone |
| 5-3 | 5 | 5 | Medium mammal long bone (4); bird long bone |
| 6-1 | 10 | 7 | Large mammal molar; medium mammal long bone; large mammal long bone (4) |
| 6-3 | 6 | 2 | Large mammal long bone |
| 6-4 | 1 | 1 | Medium mammal long bone |
| 7-2 | 7 | 5 | Large mammal long bone |
| 7-3(7) | 2 | 7 | Medium mammal bone |
| 9-1 | 1 | 1 | Small mammal scapula |
| 9-2 | <1 | 1 | Small mammal skull |
| 10-1-3 | 7 | 2 | Medium mammal mandible; Rodent humerus |
| 10-1 | 173 | 30 | Large mammal rib (6) sawn; large mammal vertebra; large mammal long bone; large mammal skull (3); medium mammal rib (6) sawn; medium mammal long bone (5); sheep/goat humerus; bird long bone (3) |
| 10-1 | 3 | 1 | Medium mammal skull |
| 10-2 | 3 | 1 | Large mammal long bone |
| 10-2 | 9 | 3 | Large mammal long bone (2); cattle phalange |
| 10-2 | 7 | 6 | Large mammal long bone (5); large mammal skull |
| 10-3 | 8 | 3 | Large mammal skull (2); medium mammal long bone |
| 10-4 | 1 | 1 | Unidentified |
| 10-5 | 5 | 1 | Large mammal long bone |
| 10/5 | 4 | 3 | Large mammal bone; medium mammal bone; cattle molar |
| 10/30cm | 3 | 1 | Medium mammal rib – sawn at one end |
| 10/40cm | 2 | 2 | Medium mammal long bone |
| 11-1 | 5 | 5 | Medium mammal long bone(4); sheep/goat molar |
| 12-all | 12 | 8 | Medium mammal phalange; bird long bone; large mammal long bone (6) |
| 15-2 | 1 | 1 | Medium mammal long bone |
| 17-1 | <1 | 1 | Medium mammal long bone |
| 17-2 | 40 | 3 | Cattle molar; medium mammal humerus |
| 17-2(4) | 8 | 4 | Large mammal long bone |
| 17-3 | 1 | 2 | unidentified |



| | | | |
|------|----|---|-------------------------------------------------|
| 17-5 | 2 | 1 | Medium mammal long bone |
| 18-2 | 7 | 1 | Large mammal long bone |
| 18-3 | 1 | 1 | Bird humerus |
| 19-2 | 1 | 1 | Small mammal humerus |
| 19-2 | 3 | 1 | Large mammal long bone |
| 19-2 | 1 | 2 | Medium mammal long bone |
| 20-1 | 3 | 2 | Large mammal long bone; medium mammal long bone |
| 20-3 | 2 | 2 | Medium mammal long bone |
| 20-4 | <1 | 1 | Medium mammal long bone |
| 20-4 | 2 | 3 | Medium mammal long bone |
| 20-5 | <1 | 1 | Bird long bone |
| 20-5 | 1 | 2 | Medium mammal long bone |
| 23-2 | 3 | 2 | Large mammal long bone |

9.5 GLASS

By Gary Taylor

Introduction

A total of 214 pieces of glass, weighing approximately 758g, was recovered. The context assemblages were weighed to a minimum 1g measure.

Condition

The glass is in good condition though older pieces exhibit iridescent decay.

Results

Table 5, Glass Archive

| Cxt | Description | NoF | W (g) | Date |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------------------------------|
| 1-2 | Colourless rod, molten at one end, possible lamp bulb filament support, 20 th century | 1 | 1 | 20 th century |
| | Colourless window, 19 th century | 1 | 1 | |
| 1-3 | One pale green, one glass slag | 2 | 5 | 19 th century |
| 1-4 | One dark green vessel, one pale green vessel with heavy lamination, one colourless vessel, one colourless window, one electric light bulb part with cap fitting remains, 18 th -20 th century | 7 | 36 | 20 th century |
| 1-7 | Marble with red centre. | 1 | 6 | 20 th century |
| 2-1 | Colourless | 1 | 1 | 20 th century |
| 2-2 | One green vessel, three colourless window, one of which has heavy lamination, one burnt | 4 | 2 | 19 th century |
| 2-4 | Green vessel | 1 | 1 | 19 th century |
| 2-6 | Green vessel | 1 | 1 | 19 th century |
| 3-1 | Four colourless, one with raised dot pattern, three dark green vessel, two with heavy lamination and one marble, broken, with tri-colour centre – mid blue, pale blue and white. 18 th -20 th century | 8 | 26 | 20 th century |
| 3-2 | Two colourless, one pale green, two green vessel, one with heavy iridescence. 18 th -20 th century | 5 | 12 | 20 th century |
| 3-3 | One green vessel with signs of lamination, one pale green window and one colourless vessel with dark coating on it. | 3 | 4 | 19 th century |
| 3-4 | Green bottle – top with string rim | 1 | 2 | 18 th century |
| 5-1 | One colourless vessel, one green vessel | 2 | 1 | 20 th century |
| 5-2 | One colourless vessel, two green vessel | 3 | 9 | 20 th century |
| 5-3 | Green vessel, heavy iridescence | 1 | 2 | 18 th century |
| 6-1 | Pale green bottle | 1 | 8 | Early 20 th century |

| | | | | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|--------------------------------------------|
| 6-4 | Green vessel, heavy iridescence | 1 | 4 | 18 th century |
| 7-1 | Half a blue-green sphere (broken), some iridescence | 1 | 42 | 18 th -19 th century |
| 7-2 | Three green vessel, two colourless vessel, one pale green window, 19 th -20 th century | 5 | 22 | 20 th century |
| 7-3 | Brown vessel | 2 | 7 | 19 th century |
| 9-1 | One green vessel, one brown vessel, one colourless vessel and one marble with tri-colour centre – green, yellow and white. 19 th -20 th century | 4 | 20 | 20 th century |
| 9-2 | Colourless window | 1 | 1 | 20 th century |
| 10-1-3 | One colourless window, one colourless vessel | 2 | 1 | 20 th century |
| 10-1 | Four colourless vessel | 4 | 4 | 20 th century |
| 10-2 | Four green vessel, two with heavy lamination, one molten, one brown vessel, two colourless vessel, two colourless window, 18 th -20 th century | 9 | 39 | 20 th century |
| 10-30cm | One colourless vessel. *assume TP10, ext.3 * | 1 | 4 | 20 th century |
| 10-3 | Colourless | 1 | 1 | 19 th century |
| 10-4 | Green vessel, heavy lamination | 1 | 1 | 18 th century |
| 11-1 | Three colourless, one with heavy lamination, one green vessel and one marble with tri-colour centre – blue, yellow and white. 19 th -20 th century | 5 | 13 | 20 th century |
| 12-all exts. | One green vessel base, four brown vessel, one pale green vessel, two colourless, three green, one with heavy lamination 18 th -early 20 th century | 11 | 170 | Early 20 th century |
| 15-1 | Four colourless window, three bright green vessel one green vessel, 19 th -20 th century | 8 | 15 | 20 th century |
| 15-2 | Two colourless vessel, one colourless window | 3 | 1 | Early 20 th century |
| 15-3 | One colourless window, one pale green window with some lamination, one green, 19 th -early 20 th century | 1 | 1 | Early 20 th century |
| 15-4 | Colourless window | 1 | 1 | 20 th century |
| 17-2 | One colourless window, one tiny green sherd, heavily laminated. 18 th -20 th century | 2 | 5 | 20 th century |
| 17-3 | Three green vessel, one colourless bottle neck fragment | 4 | 7 | 19 th century |
| 17-4 | One pale green vessel with heavy lamination, one green vessel, 18 th -19 th century | 2 | 1 | 19 th century |
| 17-5 | Three green vessel, heavy lamination | 3 | 8 | 18 th century |
| 18-2 | Two colourless, one brown, two green, one with lamination, all vessels, 18 th -early 20 th century | 4 | 14 | Early 20 th century |
| 18-3 | Two colourless vessel, one pale green window, 19 th -20 th century | 3 | 2 | 20 th century |
| 19-1 | Three green vessel | 3 | 1 | 20 th century |
| 19-2 | One colourless window, one colourless vessel, two green vessels, one marble with white centre | 5 | 15 | 20 th century |
| 19-3 | Two green vessel, one marble with blue centre | 2 | 1 | 20 th century |
| 20-1 | Two green vessel, one colourless window, 19 th -early 20 th century | 2 | 9 | Early 20 th century |
| 22-1 | Two colourless vessel | 2 | 3 | 20 th century |
| 22-2 | Colourless vessel | 6 | 11 | 20 th century |
| 23-2 | Two pale green window | 2 | 1 | 19 th century |
| 24-1 | Green bottle, two colourless bottle | 53 | 166 | 20 th century |
| 24-2 | One green vessel base, three colourless, one green, seven bright green, all vessels, 19 th -20 th century | 12 | 37 | 20 th century |
| 24-4 | One colourless, three bright green, one green, all vessels, 19 th -20 th century | 5 | 12 | 20 th century |

Provenance

Glass occurred in moderate numbers from most of the test pits, though the largest assemblage by far, comprising one-third of the total collection, was from Test Pit 24.

Range

A mixture of vessel, mostly bottle, and windows fragments were recovered. Much of the material is 20th century but some of the vessels fragments are as early as the 18th century. Several 20th century marbles were also retrieved.

Potential

The glass is of limited potential. It provides dating evidence, including a range of dates for activity. It also provides indication of function and context, including the presence of buildings implied by window fragments, and use of vessels (specifically, bottles). Children's recreational activity is indicated by the marbles.

9.6 CLAY PIPE

By Gary Taylor

Introduction

Analysis of the clay pipes followed the guidance published by Davey (1981) and the material is detailed in the accompanying table.

Condition

The clay pipe is in good condition.

Results

Table 6, Clay Pipes

| Context no. | Bore diameter /64" | | | | | NoF | W(g) | Comments | Date |
|-------------|--------------------|---|---|---|---|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| | 8 | 7 | 6 | 5 | 4 | | | | |
| 1-2 | | | 1 | | | 2 | 2 | Stem and 17 th century bowl fragment | 17 th century |
| 1-3 | | | | | 1 | 1 | 2 | Stem only | 19 th century |
| 1-4 | | | | | 1 | 4 | 2 | Stems and probable 19 th century bowl fragment | 19 th century |
| 1-5 | 1 | | | 4 | 1 | 6 | 14 | Stems and 19 th century fluted bowl fragment | |
| 2-2 | | | | 2 | 4 | 6 | 6 | Stems only | 19 th century |
| 2-3 | | | | 2 | | 2 | 2 | Stems only | 18 th century |
| 2-4 | | | | | | 3 | 2 | Stems and 17 th century bowl fragment | 17 th century |
| 2-6 | | 1 | | | | 1 | 1 | Stem only | 17 th century |
| 3-1or2 | | | | | 1 | 1 | 1 | Stem | 19 th century |
| 3-1 | | 1 | 1 | 1 | 2 | 6 | 9 | Five stems, 2 with spurs, 1 with bowl fragment decorated with stars, and one 17 th century bowl fragment | 19 th century |
| 3-2 | | | 2 | 3 | 2 | 10 | 9 | Seven stems and three bowl fragments, 1x 17 th century, 1x 18 th century, 1x probably 19 th century, with 'ribbed' decoration | 19 th century |
| 3-3 | | 1 | 2 | 2 | 5 | 11 | 17 | Ten stems and one fluted 19 th century bowl fragment | 19 th century |
| 5-2 | | 2 | 1 | 1 | 2 | 8 | 12 | 7x stems, 1x 19 th century bowl fragment | 19 th century |
| 5-3 | | | | 2 | | 2 | 4 | Stems only | 18 th century |
| 6-1 | | 1 | | | | 3 | 3 | Two 19 th century bowl fragments, 1 fluted other unclear decoration, and one stem | 19 th century |
| 6-2 | | 1 | | 1 | | 2 | 6 | Stems only | 18 th century |
| 6-3 | | 2 | 1 | | | 3 | 5 | Stems only | 17 th century |
| 6-4 | | | | 1 | 1 | 2 | 4 | Stems only | 19 th century |
| 7-1 | | 1 | | 1 | | 2 | 2 | Stems only | 18 th century |
| 7-2 | | 1 | 1 | 2 | 2 | 6 | 8 | 1x 17 th century bowl fragment, 5x stems | 19 th century |
| 7-3 | | 2 | 1 | | 1 | 4 | 6 | Stems only | 19 th century |
| 9-1 | | | 1 | | | 1 | 1 | Stem | 17 th century |
| 9-2 | | 3 | | | | 3 | 5 | Stems only | 17 th century |
| 10-1 | | | 1 | 1 | 1 | 4 | 7 | 3x stems including 1 glazed mouthpiece, 1x mid 19 th century bowl fragment decorated with standing figure with staff on 1 side, foot and shin on other | 19 th century |
| 10-2 | | 2 | 1 | 1 | 3 | 7 | 11 | Stems only | 19 th century |
| 10-3 | | | 1 | | | 4 | 5 | 2x stems, 1x fluted 19 th century bowl fragment, 1x 19 th century bowl fragment | 19 th century |

| | | | | | | | | | |
|-----------------|---|----|----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 10-1-3 | | | | | | 1 | 5 | Oswald Type G3/4 bowl | c. 1580-1640 |
| 11-1 | | | | 3 | 1 | 5 | 7 | Stems only | 19 th century |
| 12-all exts. | | 1 | | 2 | 1 | 6 | 8 | One 19 th century bowl fragment, 1 17 th -18 th century bowl fragment, 5 stems | 19 th century |
| 15-1 | | | | 1 | | 1 | 1 | Stem | 18 th century |
| 15-2 | | 1 | 1 | 1 | 1 | 6 | 10 | 2x 17 th -18 th century bowl fragments, 4 | 19 th century |
| 15-3 | | | 1 | | 2 | 3 | 6 | Stems only | 19 th century |
| 15-4 | | | 1 | | | 2 | 2 | Stems only | 17 th century |
| 16-1 | | 1 | | 2 | 1 | 4 | 6 | Stems only | 19 th century |
| 16-2 | | | | | 1 | 1 | 1 | Stem | 19 th century |
| 17-1 | | | 1 | 1 | | 2 | 3 | Stems only | 18 th century |
| 17-2 | | 1 | 5 | 2 | | 12 | 19 | Eight stems including 1 mouthpiece and four 17 th century bowl fragments | 18 th century |
| 17-3 | 1 | 3 | 2 | 2 | 1 | 9 | 20 | Eight stems and one 17 th century bowl fragment (coal measures clay) | 19 th century |
| 17-4 | 1 | 1 | 1 | 2 | | 7 | 11 | Stems only | 18 th century |
| 17-5 | | | 1 | | | 5 | 7 | 2 stems, one 17 th century bowl and two 18 th century bowl fragments | 18 th century |
| 18-2 | | | 3 | | | 4 | 6 | 2 stems and two 17 th century bowl | 17 th century |
| 18-3 | | | | 2 | 1 | 3 | 5 | Stems only | 19 th century |
| 19-2 | | 1 | 4 | 1 | 2 | 10 | 15 | Stems only | 19 th century |
| 19-3 | | | | 1 | 1 | 2 | 1 | Stems only, includes glazed mouthpiece | 19 th century |
| 20-1 | 1 | 1 | | 1 | 1 | 8 | 17 | Stems with one 17 th century attached bowl fragment; the stem of this is stamped 'VS'; 3x 19 th century bowl fragments, 2 with oak leaves on seam | 19 th century |
| 20-3 | | | | | | 1 | 1 | Stem fragment | |
| 20-4 | | | | | | 2 | 1 | Stem and 17 th century bowl fragment | 17 th century |
| 20-5 | | | | 3 | | 3 | 8 | Stems only | 18 th century |
| 22-2 | | | | | | 1 | 1 | Bowl fragment | 18 th century |
| 24-1 | | | | 1 | | 1 | 1 | Stem | 18 th century |
| Totals | 4 | 28 | 34 | 49 | 40 | 203 | 308 | | |

Provenance

Clay pipe was recovered from most of the test pits, with particularly large collections from Test Pits 3 and 17. Most of the material was probably manufactured fairly locally in north central Lincolnshire and there is one identifiable piece of a pipe made in Gainsborough. A few pipes are perhaps imports from further away, including one possibly made in the Sheffield area.

Range

Stems dominate the assemblage but bowls are present. Much of the material is of the 18th-19th centuries and although there are 17th century items, earlier 17th century pieces are scarce. This may reflect the advent of clay pipe production in Lincolnshire from about 1640, though there is an early bowl form. This, from 10-1-3, is of Oswald's General type 3 or 4, which date from c. 1580-1640 (Oswald 1975, 37-9). This is probably a regional import.

The bowl fragment from 10-1 has distinctive decoration that identifies it as a product of the Cuthbert family (father and son both named Thomas) of pipemakers, active in Gainsborough between 1828 and 1869 (Wells 1979, 134-5).

There is a stem, with attached bowl fragment of 17th century date, from 20-1. This stem is stamped with the initials 'VS', the 'S' sitting in the hollow of the 'V'. Pipes with these stamps occur in relative abundance in north and east Lincolnshire, focussing on the Horncastle area. The date range for Lincolnshire examples of pipes with this marking is c. 1650-1750 (Wells 1979, 163). Pipes with the same SV mark occur on London pipes of c. 1620-60 (Oswald 1975, 106-7) and the mark was also used by the Dutch pipemaker Jan Pieters Schoonevelt of Gouda in the 1670s (van der Meulen 2003). To add to the confusion, the SV mark is sometimes found on pipes with other, more identifiable, maker's marks. An explanation suggested for this is that 'SV' was essentially an advertisement, and stood for 'Smoke Virginia', and also provided anonymity to pipe makers in the face of King James I's 1604 *Counterblaste to Tobacco* (Le Cheminant 2008).

There is one pipe bowl fragment, from 17-3, which is manufactured from Coal Measures clay. This may have been manufactured in the Sheffield area.

Potential

The clay pipes are of moderate potential. They indicate post-medieval activity across the area, functional evidence of the practice of smoking, and also provide some indications of local and regional trade and distribution.

9.7 METALWORK

By Gary Taylor and Denise Buckley

Introduction

Ninety-nine items weighing 626g were recovered.

Condition

The metal finds are in variable condition, from poor to good, with many of the iron items being corroded.

Results

Table 7. Other Materials

| Cxt | Material | Description | NoF | W (g) | Date |
|---------|--------------|------------------------------------------------------------------------------------------------------------|-----|-------|--------------------------------------------|
| 1-3 | Iron | Nail, wire-drawn | 1 | 15 | Late post-medieval |
| 1-4 | Iron | Nail | 1 | 3 | |
| 2-2 | Aluminium | Folded sheet | 1 | 1 | 20 th century |
| | Copper alloy | Five pence coin 1980 | 1 | 5 | Late 20 th century |
| | Iron | Nail and screw | 2 | 5 | 20 th century |
| 2-3 | Aluminium | Ring pull | 1 | 1 | Late 20 th century |
| 2-4 | Copper alloy | Two buttons joined with a link, late post-medieval | 1 | 2 | Late post-medieval |
| | Iron | Unidentified, possible nail | 1 | 1 | |
| 3-1 | Aluminium | Ring pull | 1 | 1 | Late 20 th century |
| 3-2 | Aluminium | Fragment of lager can, late 20 th century | 1 | 1 | Late 20 th century |
| | Copper alloy | Two pence coin 1981 | 1 | 7 | |
| | Iron | Two nails and a piece of wire; wire looped at one terminal and possible at other (part-broken). Late post- | 3 | 9 | |
| | Lead | Strip | 1 | 7 | |
| 4-1 | Aluminium | Bracket, 20 th century | 2 | 9 | 20 th century |
| | Iron | Nails, 1 wire-drawn; 2 wire-drawn and galvanised, post-medieval – 20 th century | 4 | 28 | |
| | Steel | Spanner, chromed, 20 th century | 1 | 14 | |
| 4-2 | Iron | 1 screw, 2 wire-drawn nails | 3 | 19 | 19 th -20 th century |
| 4-3 (?) | Iron | Nails, 2 wire-drawn | 4 | 19 | Post-medieval |
| 4-4 | Iron | Wire | 1 | 3 | |
| 6-1 | Steel | Screw | 1 | 1 | Late 20 th century |
| 6-2 | Aluminium | Fitting, late 20 th century | 1 | 4 | Late 20 th century |
| | Iron | Nail, wire-drawn, late post-medieval | 1 | 1 | |
| 6-3 | Iron | Nails, wire-drawn, late post-medieval | 2 | 5 | Late 20 th century |
| | Steel | Arm off pair of spectacles, late 20 th century | 1 | 1 | |
| 7-1 | Copper alloy | One pence coin 1981 | 1 | 3 | Late 20 th century |
| 7-2 | Iron | Nail, wire-drawn, late post-medieval | 1 | 4 | Late post-medieval |
| | Iron | Probably part of knife blade, whittle tang, probable bolster, post-medieval | 1 | 16 | |
| 9-1 | Copper alloy | Two pence coin 1989 | 1 | 7 | Late 20 th century |
| | Iron | Spring, late post-medieval | 1 | 2 | |
| 9-2 | Iron | Nails, 2 wire-drawn, 1 smithed | 3 | 14 | Late post-medieval |

| | | | | | |
|---------|--------------|-------------------------------------------------------------------------------------|---|-----|-------------------------------|
| 10-1 | Iron | Nails, most wire-drawn, 1 galvanised, late post-medieval | 8 | 49 | 20 th century |
| | Iron | Wire | 2 | 6 | |
| | Iron | Possible edging/binding strip | 2 | 9 | |
| | Iron | Possible decorative mount, part-chromed, glazed/varnished, 20 th century | 1 | 21 | |
| 10-2 | Iron | Nails, wire-drawn, 1 galvanised, late post-medieval – 20 th century | 4 | 22 | 20 th century |
| | Iron | Uncertain, possible ferrule | 1 | 7 | |
| 10-3 | Iron | Nails, wire-drawn, late post-medieval – 20 th century | 2 | 2 | 20 th century |
| 10-4 | Iron | Possible edging strip, turned over along 1 edge | 1 | 1 | |
| 10-40cm | Iron | Screw, Phillips head | 1 | 3 | Mid 20 th century |
| 11-1 | Aluminium | Pull-strip, late 20 th century | 1 | 1 | Late 20 th century |
| | Iron | Nail, wire-drawn, late post-medieval | 1 | 2 | |
| 15-1 | Iron | Nails, wire-drawn, 1 T-headed | 4 | 7 | Late post-medieval |
| 15-2 | Iron | Nails, wire-drawn | 3 | 18 | Late post-medieval |
| 15-4 | Iron | Unidentified, short bar, slightly curved, tapering to both ends | 1 | 12 | |
| 17-1 | Iron | Sheet | 1 | 4 | |
| 17-2 | Iron | Nail, wire-drawn | 1 | 4 | Late post-medieval |
| 18-1 | Copper alloy | Wire | 1 | 1 | |
| 18-2 | Iron | Nails, 3 wire-drawn | 4 | 20 | Late post-medieval |
| 18-3 | Iron | Sheet | 5 | 44 | |
| 19-1 | Iron | Trapezoidal-sectioned rod | 1 | 14 | Late 20 th century |
| | Copper alloy | One pence coin 1976 | 1 | 3 | |
| | Copper alloy | Half pence coin 1974 | 1 | 1 | |
| 19-2 | Iron | Trapezoidal-sectioned rod | 1 | 12 | |
| 19-3 | Iron | Wire | 1 | 1 | |
| 20-3 | Iron | Machinery part? Circular block, 40mm diameter, 15mm thick, with turned over flange | 1 | 147 | Post- medieval |
| 22-1 | Iron | Nail, wire-drawn, galvanised | 1 | 1 | 20 th century |
| 23-2 | Copper alloy | Button, post-medieval | 1 | 3 | Post- medieval |
| | Iron | Nails | 2 | 3 | |

Provenance

Metal items were recovered in moderate quantities from most test pits, with the largest group retrieved from Test Pit 10, which tended to yield the greatest quantities of materials in most classes.

Range

Numerous nails were recovered. Many are wire-drawn and of late post-medieval, probably 19th-20th century, date. A few are galvanised and date from the 20th century. There are also some smithed examples which are probably no more recent than the late post-medieval period but could be much earlier.

There are also a few screws, also of late post-medieval date, one with a Phillips head, introduced in the 1930s. A few coins, all of them decimal issues, were retrieved, the earliest dating from 1974.

A fragment of a probable knife was recovered from Test Pit 7. This has a whittle tang and a probable bolster, an integral thickening between the tang and the blade. Bolsters were probably introduced in the mid 16th century and were commonplace by the 17th century (Goodall 1993, 130).

9.8 OTHER MATERIALS

By Gary Taylor and Denise Buckley

Introduction

A large quantity of other materials, mostly fire residues, was recovered. This comprised 467 items weighing a total of 1326g.

Condition

The other materials are in generally good condition.

Results

Table 8, Other Materials

| Cxt | Material | Description | NoF | W (g) | Date |
|--------------|--------------|---------------------------------|-----|-------|------|
| 1-3 | Fire residue | Cinders | 10 | 13 | |
| 1-4 | Fire residue | Coal | 14 | 38 | |
| 1-5 | Fire residue | Coal | 3 | 7 | |
| 1-7 | Fire residue | Coal | 4 | 4 | |
| 2-2 | Fire residue | Cinders | 29 | 42 | |
| 2-3 | Fire residue | Coal | 3 | 6 | |
| 2-4 | Fire residue | Coal | 1 | 3 | |
| 3-1 or 2 | Fire residue | Coal | 1 | 2 | |
| 3-1 | Fire residue | Coal | 3 | 3 | |
| 3-2 | Fire residue | Coal | 28 | 15 | |
| | Slag? | Iron smelting slag or ironstone | 1 | 8 | |
| 3-3 | Fire residue | Coal | 15 | 28 | |
| 4-1 | Fire residue | Cinder | 1 | 2 | |
| 5-1 | Fire residue | Coal / cinders | 2 | 1 | |
| 5-2 | Fire residue | Cinders | 12 | 8 | |
| | Slag? | Iron smithing slag? | 1 | 2 | |
| 5-3 | Fire residue | Coal | 3 | 2 | |
| 6-1 | Fire residue | Coal and cinders | 5 | 5 | |
| 6-2 | Fire residue | Coal | 12 | 104 | |
| | Slag | Iron smithing slag | 1 | 1 | |
| 6-3 | Fire residue | Coal | 8 | 45 | |
| 6-4 | Fire residue | Coal | 4 | 5 | |
| 7-2 | Fire residue | Coal | 2 | 1 | |
| | Slag? | Iron smelting slag or ironstone | 2 | 43 | |
| 7-3 | Fire residue | Coal | 7 | 3 | |
| 9-2 | Fire residue | Coal | 2 | 2 | |
| 9-3 | Fire residue | Coal | 2 | 1 | |
| 10-1 | Fire residue | Cinders | 12 | 50 | |
| 10-2 | Fire residue | Cinders / coal | 23 | 46 | |
| 10-3 | Fire residue | Coal / slag | 3 | 5 | |
| | Slag? | Iron smelting slag or ironstone | 1 | 13 | |
| 10-4 | Fire residue | Coal | 1 | 3 | |
| | Slag | Iron smithing slag | 1 | 1 | |
| 10-40cm | Fire residue | Coal | 3 | 1 | |
| 10-5 | Fire residue | Coal/cinders | 2 | 8 | |
| 11-1 | Fire residue | Coal | 6 | 6 | |
| 12-all cxts. | Fire residue | Coal | 5 | 9 | |
| 15-1 | Fire residue | Coal / cinders | 2 | 3 | |
| 15-2 | Fire residue | Cinders | 8 | 10 | |
| 15-3 | Fire residue | Coal | 6 | 4 | |
| 16-1 | Fire residue | Coal | 4 | 12 | |
| 17-1 | Fire residue | Coal | 3 | 3 | |
| 17-2 | Fire residue | Coal and cinders | 13 | 16 | |
| 17-3 | Fire residue | Cinders | 15 | 10 | |
| 17-4 | Fire residue | Coal | 13 | 33 | |
| 17-5 | Fire residue | Cinders | 7 | 5 | |
| 18-2 | Fire residue | Cinders / slag | 60 | 245 | |



| | | | | | |
|------|--------------|-----------------------|-----|------|--|
| 18-3 | Fire residue | Coal | 12 | 24 | |
| 19-1 | Fire residue | Cinders | 8 | 8 | |
| 19-2 | Fire residue | Coal and cinders | 10 | 16 | |
| 19-3 | Fire residue | Coal / cinders | 4 | 4 | |
| 20-1 | Fire residue | Charcoal | 1 | 1 | |
| 20-3 | Fire residue | Cinders | 7 | 5 | |
| 20-4 | Fire residue | Coal | 2 | 1 | |
| 22-1 | Fire residue | Coal | 2 | 1 | |
| | Stone | Ironstone | 1 | 170 | |
| 22-2 | Fire residue | Coal | 1 | 1 | |
| 23-1 | Fire residue | Coal | 9 | 9 | |
| 23-2 | Fire residue | Coal | 2 | 1 | |
| 24-1 | Fire residue | Cinders / burnt stone | 22 | 125 | |
| 24-2 | Fire residue | Coal | 12 | 35 | |
| 24-4 | Fire residue | Cinders | 9 | 18 | |
| | Slag | Iron smithing slag | 1 | 30 | |
| | | | 467 | 1326 | |

Provenance

Fire residues occurred somewhat disparately across the area. Particularly substantial assemblages were recovered from Test Pits 18 and 17, with another large collection from Test Pit 10.

Range

Most of the material is fire residue, with much of it being coal. There are also a few pieces of slag, and a small number of pieces of ironstone or possibly iron smelting slag.

9.9 NON-CERAMIC BUILDING MATERIAL

By Gary Taylor and Denise Buckley

Introduction

Eighty-four pieces of building material, weighing 2825g, were recovered.

Condition

The non-ceramic building materials are in good condition.

Results

Archive catalogue 9, Non-ceramic building material

| Cxt | Material | Description | NoF | W (g) | Date |
|----------|----------|--------------------------------------------------------------------------|-----|-------|--------------------------------------------|
| 1-2 | Concrete | Concrete/cement, pebbly | 1 | 6 | |
| 1-3 | Mortar | Mortar, grey | 1 | 15 | |
| 3-1 | Concrete | Concrete tile | 1 | 14 | 20 th century |
| 3-1 or 2 | Concrete | Concrete tile | 1 | 16 | 20 th century |
| 3-2 | Concrete | Concrete tile, 20 th century | 3 | 49 | 20 th century |
| | Mortar | Mortar, grey | 1 | 3 | |
| | Stone | Slate, possibly natural | 1 | 2 | |
| 3-3 | Stone | Slate, Welsh, probable roofing slate | 1 | 1 | 19 th -20 th century |
| 4-1 | Concrete | Concrete tile | 1 | 37 | 20 th century |
| 5.2 | Mortar | Lime mortar? | 1 | 2 | |
| 6-1 | Cement? | Possible fibre cement, bitumen coated 20 th century DISCARDED | 1 | 2 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 2 | 29 | |
| 6.2 | Mortar | Mortar | 1 | 24 | 20 th century |
| | Cement | Fibre cement, 1 bitumen-coated, 20 th century DISCARDED | 2 | 17 | |
| 6-3 | Concrete | Concrete tile | 3 | 241 | 20 th century |

| | | | | | |
|-------------|----------|----------------------------------------------------------------------------------|----|-----|--------------------------|
| 6.4 | Concrete | Concrete tile | 1 | 123 | 20 th century |
| 9-1 | Concrete | Concrete tile | 1 | 54 | 20 th century |
| 9-2 | Concrete | Concrete tile | 4 | 215 | 20 th century |
| 10-1 | Concrete | Concrete tile, 20 th century | 5 | 149 | 20 th century |
| | Mortar | Grey mortar | 2 | 36 | |
| 10-1-3 | Mortar | Mortar | 1 | 1 | |
| 10-2 | Stone | Slate, possible roofing slate | 1 | 1 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 5 | 738 | |
| | Mortar | Grey mortar | 1 | 10 | |
| 10-3 | Stone | Probably natural but possibly tile | 3 | 25 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 1 | 73 | |
| 10-30cm | Concrete | Concrete tile | 1 | 76 | 20 th century |
| 12-all cxts | Concrete | Concrete tile | 10 | 265 | 20 th century |
| 15-3 | Mortar | Mortar | 1 | 36 | |
| 16-1 | Concrete | Concrete tile | 1 | 24 | 20 th century |
| 17-2 | Concrete | Concrete tile | 2 | 163 | 20 th century |
| 18-2 | Mortar | Mortar, grey, pebbly | 1 | 38 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 7 | 155 | |
| 18-3 | Cement? | Possible fibre cement, bitumen coated 20 th century DISCARDED | 3 | 5 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 1 | 18 | |
| | Concrete | Concrete tile, contains plastic and is bitumen covered, 20 th century | 2 | 110 | |
| 19-3 | Stone | Slate, Welsh, probable roofing slate, 19 th -20 th century | 1 | 1 | 20 th century |
| | Ceramic | Electrical insulator? 20 th century | 2 | 25 | |
| | Mortar? | Grey mortar | 1 | 4 | |
| 20-1 | Mortar?? | Unidentified, possibly mortar | 1 | 1 | |
| 22-1 | Mortar? | Mortar? | 1 | 21 | 20 th century |
| | Concrete | Concrete tile, 20 th century | 1 | 7 | |
| 24-2 | Concrete | Concrete tile | 4 | 103 | 20 th century |

Provenance

Non-ceramic building material appeared to be selectively located, with many test pits yielding little or none of the material. The largest assemblages were from Test Pits 10, which generally had peak numbers from all material types, and 18. Other moderate collections were from Test Pits 6, 12 and 3, though elsewhere the material was scarce.

Range

Much of the assemblage is of concrete roof tile. Mortar occurs in moderate quantities and there are a few pieces of slate.

9.10 OTHER FINDS

By Gary Taylor and Denise Buckley

Introduction

A large assemblage, 138 items, predominantly of plastic, was recovered.

Condition

The other, predominantly plastic, items are in good condition.

Archive catalogue 10, Other Finds

| Cxt | Material | Description | NoF | W (g) | Date |
|-----|----------|----------------|-----|-------|--------------------------|
| 1-2 | Plastic | White sheet | 1 | 1 | 20 th century |
| 2-1 | Plastic | Fragment - red | 1 | <1 | 20 th century |

| | | | | | |
|----------|--------------|------------------------------------------------------------------------------|---|----|--------------------------------------------|
| 2-2 | Plastic | Toggle fastener | 1 | <1 | 20 th century |
| 3-1 or 2 | Polystyrene | Fragment of cup | 1 | <1 | 20 th century |
| 3-1 | Plastic | Wheel off a toy | 1 | <1 | 20 th century |
| 3-2 | Plastic/foil | Wrapper, 20 th century | 2 | <1 | 20 th century |
| | Paper | Shoe size label, 20 th century | 2 | <1 | |
| | Plastic | Drain pipe/flower pot? 20 th century | 1 | 2 | |
| 4-1 | Plastic | Toy soldier, 20 th century | 1 | 3 | 20 th century |
| | Plastic | Strip, 20 th century | 1 | <1 | |
| | Plastic | White sheet, 20 th century | 1 | 1 | |
| | Wood | Thin strip of sawn wood | 1 | 1 | |
| 4-2 | Plastic | Sheet, green, 20 th century | 2 | 2 | 20 th century |
| | Plastic | White lino tile? 20 th century | 1 | 1 | |
| 4-3 | Plastic | Concave sheet, black | 1 | <1 | 20 th century |
| 5-1 | Aluminium | Foil wrapper or lid, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Kinder egg – cover for toy, 20 th century | 1 | 3 | |
| | Paper | Curly Wurly wrapper, 20 th century | 1 | <1 | |
| 5-2 | Plastic | Moulded strip, orange | 1 | <1 | 20 th century |
| 6-1 | Plastic | Sheet fragments – colourless, transparent, 20 th century | 7 | <1 | 20 th century |
| | Plastic | Sheet fragment, black, curved, possible flower pot, 20 th century | 1 | <1 | |
| | Plastic | Orange top off Smartie tube, 20 th century | 1 | <1 | |
| | Plastic | Dark green lens from sunglasses, 20 th century | 3 | <1 | |
| | Plastic | Compact disc fragments, mirrored on one side, 20 th century | 2 | <1 | |
| | Plastic | Tape, 20 th century | 1 | <1 | |
| 6-2 | Iron? | Cable/wire? Bitumen/plastic coated | 1 | 1 | 19 th -20 th century |
| 6-3 | Iron? | Cable/wire? Bitumen/plastic coated | 1 | 1 | 19 th -20 th century |
| 7-1 | Plastic | Four fragments and one tube of red plastic, 20 th | 5 | 3 | 20 th century |
| | Leather | Strip, possible shoe rand | 1 | <1 | |
| 7-2 | Plastic | Yellow / orange rod, part of pen | 1 | <1 | 20 th century |
| 9-1 | Aluminium | Can, 20 th century | 1 | 1 | 20 th century |
| | Plastic | Clothes peg, 20 th century | 1 | 2 | |
| | Plastic | Container lid? White, 20 th century | 1 | 1 | |
| 9-2 | Plastic | Fragment of grey plastic | 1 | <1 | 20 th century |
| 9-3 | Plastic | Handle for knife/fork | 1 | 11 | 20 th century |
| 10-1 | Plastic | Case for Parker pen, 20 th century | 1 | 12 | 20 th century |
| | Plastic | Clothes peg, 20 th century | 1 | <1 | |
| | Plastic | White insulation tube, 20 th century | 1 | <1 | |
| | Plastic | Fitting, black, 20 th century | 1 | 2 | |
| | Plastic | Plant markers, white, 20 th century | 3 | 2 | |
| | Plastic | Pale yellow translucent sheet fragments, 20 th century | 4 | <1 | |
| | Plastic | Tape, orange, 20 th century | 1 | <1 | |
| | Plastic | Edging Strip, 20 th century | 1 | <1 | |
| | Plastic | Four fragments – white, 20 th century | 4 | 1 | |
| 10-2 | Plastic | Teardrop-shaped black bead, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Sheet fragment – yellow, 20 th century | 1 | <1 | |
| | Plastic | Part of zip? 20 th century | 1 | <1 | |
| | Plastic | Cassette tape, 20 th century | 1 | 43 | |



| | | | | | |
|----------------|----------------------|---------------------------------------------------------------------------------------------------------|---|----|--------------------------|
| 10-3 | Plastic | Toy soldier, 20 th century | 1 | 2 | 20 th century |
| | Plastic | Probable container fragments, white, 20 th century | 2 | <1 | |
| | stone | Half a spherical bead, possibly quartz | 1 | 1 | |
| 11-1 | Plastic | Comb fragment and one tooth, 20 th century | 2 | 1 | 20 th century |
| | Plastic | Two bottle top fragments, 20 th century | 2 | <1 | |
| | Plastic | Five random pieces of plastic | 5 | 1 | |
| | Rubber | Piece of a rubber ball, 20 th century | 1 | 1 | |
| | Polystyrene | Fragment of cup, 20 th century | 1 | <1 | |
| 12-all cxts | Plastic | One rod, one drop-handle, one random | 3 | 5 | 20 th century |
| 15-1 | Fabric | Shoe lace, 20 th century | 1 | <1 | 20 th century |
| | Fabric / leather? | Part of a tyre/gasket? 20 th century | 2 | 22 | |
| | Plastic | Black cat, toy, mascot, 20 th century | 1 | 3 | |
| | Plastic | Red faceted bead, 20 th century | 1 | <1 | |
| | Plastic | Two pieces random plastic, 20 th century | 1 | <1 | |
| | Wax | Purple wax crayon, 20 th century | 2 | <1 | |
| 15-2 | Plastic | Spark plug fitting and cable, 20 th century | 1 | 21 | 20 th century |
| | Plastic | Grey sheet, curved, vessel? 20 th century | 1 | 1 | |
| 16-1 | Bone | Button | 1 | <1 | Late post-medieval |
| 16-2 | Rubber backed fabric | Strap | 1 | <1 | 20 th century |
| 17-1 | Plastic | Sheet fragment – black, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Grey with fabric liner – possibly off vacuum cleaner? 20 th century | 1 | 15 | |
| | Plastic/fabric | Piece of a golf ball, 20 th century | 1 | 1 | |
| 18-2 | Aluminium | Ring pull, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Unidentified orange object, 20 th century | 1 | <1 | |
| | Polystyrene | Fragment of cup, 20 th century | 2 | <1 | |
| 18-3 | Rubber? | Sheet rubber or rubberised fabric, possibly part of shoe | 2 | <1 | 20 th century |
| 19-1 | Plastic | Grey curved sheet, 20 th century | 1 | 4 | 20 th century |
| | Plastic | Three random pieces, 20 th century | 3 | <1 | |
| | Plastic | Wrapper, 20 th century | 1 | <1 | |
| | Paper | Wrapper, 20 th century | 1 | <1 | |
| | Aluminium | Wrapper or foil lid, 20 th century | 1 | <1 | |
| | Fabric/paper? | Sheet of fabric or thick paper, appears to be coated in tar? 19 th -20 th century | 1 | <1 | |
| 19-2 | Rubber backed fabric | Strap – same as 16-2, have perforations, probable watch strap, 20 th century | 2 | <1 | 20 th century |
| | Aluminium | Can, 20 th century | 1 | 15 | |
| | Plastic | Legs of plastic toy soldier, 20 th century | 1 | 2 | |
| | Plastic | Wrapper, 20 th century | 1 | <1 | |
| | Plastic | One fragment red, one black, 20 th century | 2 | <1 | |
| | Plastic and steel? | Insulated cable, 20 th century | 1 | <1 | |
| 19-3 | Foil | Sweet wrapper, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Straw, 20 th century | 1 | <1 | |
| 20-1 | Plastic | Base for toy soldier, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Tube, probably insulation | 1 | <1 | |
| | Plastic | Fragment – green, 20 th century | 1 | <1 | |
| 20-3 | Rubber? | Sheet, possible rubber or rubberised fabric | 1 | <1 | |
| 22-1 | Paper | Wrapper, 20 th century | 1 | <1 | 20 th century |
| | Plastic | Fragment – black, 20 th century | 1 | <1 | |
| | Plastic | White with green and yellow pattern – cup?, 20 th | 1 | <1 | |
| 23-1 | Plastic | Fragments | 2 | <1 | 20 th century |



Provenance

Items were recovered from almost every test pit, with the largest groups from Test Pits 10, 19 and 6.

Range

Much of the assemblage is of plastic.

Potential

The plastic is of limited potential. It provides dating evidence, including a range of dates for a range of domestic activity and provides some evidence for where people were spending their time. It also provides indication of function and context, including evidence for personal interests and patterns of informal refuse disposal. Children's recreational activity is indicated by toy fragments.

ABBREVIATIONS

ACBMG Archaeological Ceramic Building Materials Group

BS Body sherd

CBM Ceramic Building Material

CXT Context

LHJ Lower Handle Join

NoF Number of Fragments

NoS Number of sherds

NoV Number of vessels

TP Test Pit

UHJ Upper Handle Join

W (g) Weight (grams)

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9.11 ARCHIVE CATALOGUES

See Tables 1 and 2 for pottery and ceramic building material type (Cname) explanations.

Archive catalogue 1, Post Roman Pottery

| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|-----|-------|--------|------------------------------|-----|-----|------|---------------------------------------------------|----------|----------------------------------|-------------|
| 1 | 1-2 | BERTH | | Bowl? | 1 | 1 | 5 | | BS | | M16th-18th |
| 1 | 1-2 | BEVO2 | | Bowl? | 1 | 1 | 9 | | Base | | 13th-M14th |
| 1 | 1-2 | BEVO2 | | Jug | 1 | 1 | 1 | | BS | | 13th-M14th |
| 1 | 1-2 | CREA | | Flat | 1 | 1 | 2 | | Rim | | L18th-M19th |
| 1 | 1-2 | NCBW | | ? | 1 | 1 | 4 | | BS | | 19th |
| 1 | 1-2 | PEARL | | 1 cup or bowl; 3? | 4 | 4 | 5 | 1 pc blue transfer print - Willow pattern | Rim | | 19th |
| 1 | 1-3 | CMW | | ? | 1 | 1 | 2 | | BS | | M13th-M16th |
| 1 | 1-3 | ENGs | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 1 | 1-3 | PORC | | Small Jug | 1 | 1 | 4 | | Spout | | 18th-19th |
| 1 | 1-4 | BL | | Closed | 1 | 1 | 3 | | BS | | 17th-18th |
| 1 | 1-4 | CREA | | Flat | 3 | 1 | 13 | | Rims; BS | Caked in ?plaster | L18th-M19th |
| 1 | 1-4 | PEARL | | Flat | 1 | 1 | 5 | | Rim | | 19th |
| 1 | 1-4 | PEARL | | Small bowl, Saucer or teacup | 1 | 1 | 1 | | BS | | 19th |
| 1 | 1-4 | PEARL | | ? | 2 | 1 | 1 | | BSS | | 19th |
| 1 | 1-4 | PEARL | | Bowl or Flat | 1 | 1 | 1 | Blue transfer print - Willow pattern | BS | | 19th |
| 1 | 1-4 | PEARL | | Small Bowl or Saucer | 1 | 1 | 1 | Blue transfer print-banded decoration | Rim | | L18th- 19th |
| 1 | 1-4 | STBRS | | Closed | 1 | 1 | 7 | | BS | Atypical glaze; Bristol? | L17th- 18th |
| 1 | 1-5 | BERTH | | Closed | 1 | 1 | 2 | | BS | Sooted | L17th- 18th |
| 1 | 1-5 | CREA | | Flat | 1 | 1 | 7 | | Base | | L18th-M19th |
| 1 | 1-5 | PEARL | | Teacup | 1 | 1 | 3 | Blue transfer print - floral design/?rustic scene | Rim | | 19th |
| 1 | 1-5 | PMED | | ? | 1 | 1 | 1 | | BS | Flake with mortar over the break | |



| | | | | | | | | | | | |
|---|-----|-------|------------------------|-----------------------------|---|---|----|----------------------------------------|--------------|-----------------------------------------------|--------------|
| 1 | 1-5 | STMO | | Drinking Vessel | 6 | 1 | 15 | | Handles; BSS | Possibly fragments from multiple vessels | L17th- 18th |
| 1 | 1-5 | STMO | | Jug | 1 | 1 | 27 | | Base | | L17th- 18th |
| 1 | 1-7 | NOTS | | Closed | 1 | 1 | 7 | | BS | | 18th-19th |
| 1 | 1-7 | PMX | | ? | 1 | 1 | 1 | | Base | Fine pale fabric; poss Staffordshire | 16th-18th |
| 1 | 1-7 | STBR | | Bowl? | 1 | 1 | 1 | | Rim | | L17th- 18th |
| 2 | 2-2 | BERTH | | ? | 1 | 1 | 1 | | BS | | 17th-18th |
| 2 | 2-2 | BEVO2 | | ? | 2 | 2 | 1 | | BSS | | 13th- M14th |
| 2 | 2-2 | BL | | ? | 2 | 1 | 10 | | BS | | 17th-18th |
| 2 | 2-2 | CIST | | Drinking vessel | 1 | 1 | 2 | | BS | | M15th- E17th |
| 2 | 2-2 | ENG | | ? | 1 | 1 | 2 | | Base ? | | 19th- E20th |
| 2 | 2-2 | NOTS | | 1 drinking vessl or jug; 1? | 2 | 1 | 5 | | BSS | | 18th-19th |
| 2 | 2-2 | PMED | | ? | 1 | 1 | 1 | | BS | Flake; ?ID; poss BEVO | |
| 2 | 2-2 | PMX | | ? | 1 | 1 | 2 | | BS | Abraded | 17th-19th |
| 2 | 2-2 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 2 | 2-2 | WHITE | | ? | 7 | 4 | 7 | 1 pc green wash and brown painted line | Base; BSS | 1 pc burnt; poss some PEARL but v small frags | 19th |
| 2 | 2-3 | BERTH | | Jar or Bowl | 1 | 1 | 15 | | Base angle | | M16th- 18th |
| 2 | 2-3 | BEVO2 | | ? | 1 | 1 | 2 | | BS | | 13th- M14th |
| 2 | 2-3 | NCBW | | ? | 1 | 1 | 1 | | BS | | 19th |
| 2 | 2-3 | NOTS | | Closed | 2 | 1 | 9 | | BSS | | |
| 2 | 2-3 | PMED | | ? | 1 | 1 | 4 | | BS | | |
| 2 | 2-3 | STBR | | Drinking vessel | 2 | 1 | 3 | White slip on brown | BS | Fe slip; pale fabric | L17th- 18th |
| 2 | 2-3 | STMO | Streaked orange fabric | Drinking vessel? | 1 | 1 | 2 | | BS | Not Staffs | L17th- 18th |
| 2 | 2-3 | SWSG | | Flat | 1 | 1 | 1 | Moulded star and diaperwork | BS | | 18th |
| 2 | 2-4 | BEVO2 | | Jug? | 1 | 1 | 1 | | BS | ?ID | 13th-14th |
| 2 | 2-4 | CREA | | ? | 1 | 1 | 1 | | BS | | L18th- M19th |
| 2 | 2-4 | ENG | | Drinking Vessel | 2 | 1 | 5 | | Base; BS | | L17th- 18th |
| 2 | 2-4 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |



| | | | | | | | | | | | |
|---|-----|-------|--|--------------------------|---|---|----|------------------------------------------------------|---------------------|---------------------------|-----------------|
| 2 | 2-4 | TGE | | ? | 2 | 2 | 2 | | BSS | | 17th- M18th |
| 2 | 2-4 | WHITE | | Cup | 1 | 1 | 1 | | Handle e | Burnt | 19th-20th |
| 2 | 2-4 | WHITE | | ? | 1 | 1 | 1 | | BS | Handle join? - Teacup? | 19th-20th |
| 2 | 2-6 | ENGs | | Jug? | 1 | 1 | 12 | | Base | Notts? | L17th- 18th |
| 3 | 3-1 | BERTH | | Closed | 1 | 1 | 1 | | BS | | 17th-18th |
| 3 | 3-1 | BL | | Drinking Vessel | 1 | 1 | 9 | | Handle e | | M16th- 17th |
| 3 | 3-1 | CIST | | Drinking Vessel? | 1 | 1 | 2 | Applied white clay decoration | BS | From 3-1 or 2 | M15th- E17th |
| 3 | 3-1 | CIST | | Drinking Vessel | 1 | 1 | 1 | | Rim | From 3-1 or 2 | M15th- E17th |
| 3 | 3-1 | ENGs | | Straight sided bottle | 1 | 1 | 7 | Stamped "...RB & CO ...[P]OTTERIE S" | BS | | 19th |
| 3 | 3-1 | PEARL | | ? | 1 | 1 | 1 | Blue transfer print - chinoiserie | BS | | 19th |
| 3 | 3-1 | PMED | | ? | 2 | 1 | 3 | | BSS | From 3-1 or 2 | 16th-18th |
| 3 | 3-1 | PORC | | 1 cup or bowl; 2? | 3 | 3 | 4 | | Rim; Base; BS | | 18th-19th |
| 3 | 3-1 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | From 3-1 or 2 | L17th- 18th |
| 3 | 3-1 | STMO | | Drinking Vessel | 4 | 2 | 17 | | Base s; BS | | L17th- 18th |
| 3 | 3-1 | STSL | | Press Moulded Dish | 1 | 1 | 4 | Brown trailed on cream | Rim | | M17th- 18th |
| 3 | 3-1 | SWSG | | ? | 1 | 1 | 1 | | BS | | 18th |
| 3 | 3-1 | TGE | | ? | 1 | 1 | 1 | | BS | From 3-1 or 2 | 17th- M18th |
| 3 | 3-1 | TGE | | ? | 1 | 1 | 1 | | BS | | 17th- M18th |
| 3 | 3-2 | BERTH | | 1 Drinking Vessel; 2? | 3 | 3 | 6 | | BSS | | 17th-18th |
| 3 | 3-2 | CIST | | Drinking Vessel | 1 | 1 | 1 | | Rim | | M15th- E17th |
| 3 | 3-2 | NOTS | | Closed | 2 | 2 | 6 | | BSS | | 18th-19th |
| 3 | 3-2 | PEARL | | 2 Flat?; 1 closed | 3 | 3 | 2 | Hand painted blue decoration | Rim; BS | | L18th- E19th |
| 3 | 3-2 | PMED | | ? | 4 | 4 | 3 | | BSS | | 16th-18th |
| 3 | 3-2 | STMO | | Drinking Vessel | 2 | 2 | 6 | | Base; handl e | | L17th- 18th |
| 3 | 3-2 | SWSG | | ? | 2 | 2 | 1 | 1 moulded lozenge decoration with blue wash | BSS | | 18th |
| 3 | 3-2 | WHITE | | ? | 1 | 1 | 1 | | BS | | 19th |
| 3 | 3-3 | BERTH | | ? | 1 | 1 | 1 | | BS | ?ID; poss HUM | |



| | | | | | | | | | | | |
|---|-----|-------|--|--------------------------|---|---|----|--------------------------------------------|-----------------|--------------------------|-----------------|
| 3 | 3-3 | BL | | Jar or Bowl | 2 | 2 | 26 | | BSS | | 17th-18th |
| 3 | 3-3 | HUM | | | 4 | 1 | 14 | | BSS | ?ID | 15th- M16th |
| 3 | 3-3 | NOTS | | Closed | 1 | 1 | 1 | | BS | | 18th-19th |
| 3 | 3-3 | PEARL | | 1 flat; 1? | 2 | 2 | 1 | | Rim; BS | | 19th |
| 3 | 3-3 | PMED | | ? | 1 | 1 | 1 | | BS | | |
| 3 | 3-3 | STMO | | Closed | 1 | 1 | 1 | | BS | | L17th- 18th |
| 3 | 3-3 | STSL | | Press Moulded Dish | 1 | 1 | 3 | Brown trailed on cream | BS | | M17th- 18th |
| 3 | 3-3 | TGE | | ? | 1 | 1 | 1 | | BS | | M16th- M18th |
| 3 | 3-4 | HUM | | ? | 1 | 1 | 1 | | BS | | 15th- M16th |
| 4 | 4-1 | PORC | | Cup | 1 | 1 | 6 | | Handl e | | 20th |
| 4 | 4-2 | PORC | | Cup | 2 | 1 | 5 | | Handl e; BS | | 20th |
| 4 | 4-3 | BERTH | | Bowl | 2 | 1 | 9 | | BSS | | 17th-18th |
| 4 | 4-3 | BERTH | | Bowl | 1 | 1 | 6 | | Rim | ?ID | 17th-18th |
| 4 | 4-3 | PORC | | Cup | 1 | 1 | 7 | | BS | | 20th |
| 4 | 4-3 | STMO | | Closed | 1 | 1 | 4 | | BS | | L17th- 18th |
| 4 | 4-3 | SWSG | | Closed | 1 | 1 | 2 | | BS | | 18th |
| 4 | 4-4 | CREA | | ? | 1 | 1 | 1 | | BS | | L18th- M19th |
| 4 | 4-4 | NOTS | | 1 jug; 1 bowl | 2 | 2 | 11 | | Handl e; rim | | 18th |
| 4 | 4-4 | PORC | | ? | 1 | 1 | 1 | | BS | | |
| 4 | 4-4 | WHITE | | | 1 | 1 | 1 | | BS | | M19th- 20th |
| 5 | 5-2 | BERTH | | Drinking Vessel? | 2 | 2 | 2 | | BS | | M16th- 17th |
| 5 | 5-2 | CHPO | | Plate | 1 | 1 | 6 | Hand painted blue dec | Base | ?ID - poss Dutch copy | 18th-19th |
| 5 | 5-2 | NCBW | | Mixing Bowl | 1 | 1 | 1 | Moulded decoration below rim | BS | | 19th |
| 5 | 5-2 | NOTS | | ? | 2 | 2 | 4 | | BSS | | 18th-19th |
| 5 | 5-2 | PEARL | | ? | 2 | 2 | 1 | Blue transfer print | BSS | | 19th |
| 5 | 5-2 | PEARL | | ? | 7 | 3 | 5 | | Base; BSS | | 19th |
| 5 | 5-2 | PEARL | | Flat | 2 | 2 | 2 | Green transfer print - floral design | Rim; BS | | 19th |
| 5 | 5-2 | PMED | | ? | 1 | 1 | 7 | | BS | | 16th-18th |
| 5 | 5-2 | PMX | | ? | 1 | 1 | 1 | | BS | | 17th-19th |
| 5 | 5-2 | PORC | | 1 Bowl/Saucer ; 2? | 4 | 3 | 5 | | Rim; BSS | | 19th-20th |
| 5 | 5-2 | STMO | | Drinking Vessel? | 1 | 1 | 2 | | BS | ?ID | L17th- 18th |



| | | | | | | | | | | | |
|---|-----|-------|--|--------------------|---|---|----|------------------------------------------------------------------|----------|--------------|--------------|
| 5 | 5-2 | STSL | | Drinking Vessel | 2 | 2 | 3 | Trailed cream on brown; brown on cream | BSS | | M17th-18th |
| 5 | 5-2 | SWSG | | Flat? | 1 | 1 | 1 | | Rim | | 18th |
| 5 | 5-2 | SWSG | | Closed | 1 | 1 | 1 | Combed decoration with blue wash | BS | | 18th |
| 5 | 5-2 | SWSG | | Flat | 1 | 1 | 1 | Moulded decoration | BS | | 18th |
| 5 | 5-2 | WHITE | | Bowl? | 1 | 1 | 1 | | BS | | 19th |
| 5 | 5-3 | BERTH | | ? | 1 | 1 | 1 | | BS | | 17th-18th |
| 5 | 5-3 | ENGs | | Straight sided jar | 1 | 1 | 4 | Fluted | BS | | 19th- E20th |
| 5 | 5-3 | NCBW | | ? | 1 | 1 | 1 | | BS | | 19th |
| 5 | 5-3 | PEARL | | ? | 1 | 1 | 1 | Blue transfer print - chinoiserie | BS | | 19th |
| 5 | 5-3 | STMO | | Drinking Vessel | 1 | 1 | 5 | | Base | | L17th- 18th |
| 5 | 5-3 | STSL | | ? | 1 | 1 | 1 | | BS | | L17th- 18th |
| 5 | 5-3 | STSL | | Press Moulded Dish | 1 | 1 | 2 | Cream trailed on brown | BS | | M17th-18th |
| 5 | 5-3 | WHITE | | ? | 3 | 3 | 3 | | BSS | | 19th-20th |
| 6 | 6-1 | BERTH | | Closed | 2 | 2 | 7 | | BSS | | 17th-18th |
| 6 | 6-1 | BERTH | | Bowl | 1 | 1 | 3 | | Rim | | 17th-18th |
| 6 | 6-1 | CREA | | ? | 4 | 1 | 2 | | Rim; BSS | | L18th- E19th |
| 6 | 6-1 | ENGs | | Closed | 1 | 1 | 1 | | BS | | L17th- 18th |
| 6 | 6-1 | NOTS | | Tankard | 1 | 1 | 28 | | Base | | L17th- 18th |
| 6 | 6-1 | STBRs | | Bowl? | 1 | 1 | 13 | | BS | | L17th- 18th |
| 6 | 6-1 | STMO | | Drinking Vessel? | 1 | 1 | 1 | | BS | | L17th- 18th |
| 6 | 6-1 | STSL | | Closed | 1 | 1 | 3 | | BS | No slip; ?ID | L17th- 18th |
| 6 | 6-1 | SWSG | | Drinking Vessel? | 1 | 1 | 1 | Combed decoration with blue wash | BS | | 18th |
| 6 | 6-2 | BL | | Closed | 1 | 1 | 2 | | BS | | M16th-17th |
| 6 | 6-2 | ENGs | | ? | 1 | 1 | 1 | | BS | | L17th- 18th |
| 6 | 6-2 | WHITE | | ? | 2 | 1 | 1 | | BSS | | 19th |
| 6 | 6-3 | NCBW | | ? | 1 | 1 | 2 | | BS | | 19th |
| 6 | 6-3 | PEARL | | ? | 1 | 1 | 1 | Blue transfer print - Chinoiserie | BS | | 19th |
| 6 | 6-4 | ENGs | | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 6 | 6-4 | PEARL | | Flat | 2 | 2 | 8 | 1 pc blue wash on rim; 1 pc blue transfer print - floral pattern | Rims | | 19th |



| | | | | | | | | | | | |
|---|-----|-------|----------|------------------------|---|---|----|----------------------------------------------|----------------|--------------------|-------------|
| 6 | 6-4 | PEARL | | ? | 4 | 4 | 3 | 1 pc blue transfer print | BSS | | 19th |
| 6 | 6-4 | WHITE | | ? | 2 | 2 | 2 | | Rim; BS | 1 pc burnt | 19th |
| 7 | 7-2 | BEVO2 | | ? | 1 | 1 | 1 | ?ID | BS | | 13th-14th |
| 7 | 7-2 | BL | | ? | 2 | 2 | 11 | | BSS | | 17th-18th |
| 7 | 7-2 | BL | | Drinking Vessel or Jug | 3 | 3 | 4 | | BSS | | M16th-17th |
| 7 | 7-2 | ENGs | | Closed | 2 | 1 | 5 | | BS | | 18th-19th |
| 7 | 7-2 | LONS | | Jug or drinking Vessel | 1 | 1 | 2 | | BS | | L17th- 18th |
| 7 | 7-2 | NOTS | | Bowl? | 2 | 2 | 9 | 1 pc with engine turned dec | BSS | | 18th-19th |
| 7 | 7-2 | PEARL | | ? | 2 | 2 | 3 | | BSS | | 19th |
| 7 | 7-2 | STMO | | Drinking Vessel | 2 | 2 | 7 | | BS with HJ; BS | | L17th- 18th |
| 7 | 7-2 | SWSG | | Drinking Vessel | 2 | 2 | 1 | | Rim; BS | | 18th |
| 7 | 7-2 | SWSG | | ? | 1 | 1 | 2 | | BS | | 18th |
| 7 | 7-2 | WHITE | | ? | 4 | 4 | 7 | | BSS | | 19th- E20th |
| 7 | 7-3 | CHPO | | Cup or Bowl | 1 | 1 | 1 | Hand painted blue decoration | Rim | | 18th-19th |
| 7 | 7-3 | PEARL | | ? | 5 | 5 | 3 | 2 pcs with blue transfer print - chinoiserie | BSS | | 19th |
| 7 | 7-3 | PORC | | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 7 | 7-3 | SLIP | Oxidised | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 7 | 7-3 | STSL | | Drinking Vessel? | 1 | 1 | 1 | | BS | ?ID - no slip | L17th- 18th |
| 7 | 7-3 | SWSG | | Drinking Vessel | 1 | 1 | 1 | | BS | | 18th |
| 7 | 7-3 | WHITE | | Bowl | 1 | 1 | 10 | | Rim | | 19th-20th |
| 9 | 9-1 | BL | | Large Bowl | 1 | 1 | 95 | | Base | | M17th-18th |
| 9 | 9-1 | NCBW | | ? | 1 | 1 | 1 | | BS | ?ID; poss slipware | |
| 9 | 9-1 | PORC | | Cup or Bowl | 1 | 1 | 2 | Handpainted orange line | Rim | | 19th |
| 9 | 9-1 | PORC | | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 9 | 9-3 | CMO | | Bowl? | 1 | 1 | 3 | | BS | ?ID | 15th-16th |
| 9 | 9-3 | ENGs | | Drinking vessel or Jug | 1 | 1 | 1 | | BS | | L17th- 18th |
| 9 | 9-3 | PEARL | | ? | 3 | 3 | 2 | Green transfer print | BSS | | 19th |
| 9 | 9-3 | PMX | | | 1 | 1 | 1 | | BS | | |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|-------|--------|-------------------------|-----|-----|------|----------------------------------------------------------------------|------------|---------------------------------|-------------|
| 9 | 9-3 | STSL | | Jug or Drinking Vessel | 1 | 1 | 2 | | Base | | 18th-19th |
| 10 | 10-1 | PEARL | | ? | 3 | 1 | 2 | 1 pc with grey transfer print; 1 pc with blue transfer print | BSS | | 19th |
| 10 | 10-1 | PORC | | Tea cup | 2 | 1 | 1 | | Handle; BS | | 18th-19th |
| 10 | 10-1 | STSL | | Drinking Vessel | 1 | 1 | 3 | | BS | ?ID | 18th-19th |
| 10 | 10-2 | BERTH | | Bowl | 2 | 1 | 1 | | BSS | | 17th-18th |
| 10 | 10-2 | BEVO2 | | ? | 1 | 1 | 1 | | Base | Sooted;?ID | 13th- 14th? |
| 10 | 10-2 | BL | | 1 Jar or Bowl; 1 Bowl | 2 | 2 | 9 | | BSS | | 17th-18th |
| 10 | 10-2 | CHPO | | Hollow? | 1 | 1 | 1 | Hand painted blue dec | BS | | 18th-19th |
| 10 | 10-2 | ENGs | | Closed | 1 | 1 | 6 | | BS | | 19th |
| 10 | 10-2 | NCBW | | ? | 1 | 1 | 1 | | BS | | 19th |
| 10 | 10-2 | PEARL | | ? | 5 | 5 | 15 | | Rim; BSS | | 19th |
| 10 | 10-2 | PEARL | | Flat | 5 | 5 | 14 | 1 pc blue transfer print - Willow Pattern; 3 pcs blue transfer print | Rims; BSS | | 19th |
| 10 | 10-2 | PEARL | | ? | 3 | 3 | 5 | Blue transfer print | BSS | | 19th |
| 10 | 10-2 | PMED | | ? | 2 | 1 | 4 | | BSS | | 16th-18th |
| 10 | 10-2 | PMX | | ? | 3 | 3 | 2 | | BSS | Abraded | 17th-18th |
| 10 | 10-2 | PMX | | Bowl | 1 | 1 | 1 | Moulded decoration and sponged green and brown paint | BS | | 19th |
| 10 | 10-2 | PORC | | Small bowl or Saucer; ? | 2 | 2 | 4 | 1 piece blue transfer print- Willow Pattern | Rim; BS | | 19th |
| 10 | 10-2 | SLIP | | Open | 1 | 1 | 6 | Brown sponged dec | BS | | 18th |
| 10 | 10-2 | STMO | | Drinking Vessel | 1 | 1 | 2 | | Handle | | L17th- 18th |
| 10 | 10-2 | SWSG | | Drinking Vessels? | 2 | 2 | 1 | 1pc hand painted dec - chinoiserie? | BSS | | 18th |
| 10 | 10-2 | SWSG | | Closed | 2 | 1 | 3 | | Base | Straight sided vessel - bottle? | 18th |
| 10 | 10-2 | TGE | | Flat | 1 | 1 | 1 | Blue hand painted dec | BS | | 17th- M18th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|--------|---------------------|-----------------------|-----|-----|------|-------------------------------------------------|--------------|-------------------------------------------------|-----------------|
| 10 | 10-3 | BEVO2 | | ? | 2 | 2 | 5 | | BSS | | 13th-M14th |
| 10 | 10-3 | ENG5 | | Closed | 2 | 1 | 39 | | BSS | | 19th |
| 10 | 10-3 | HUM | | Jar or Jug | 1 | 1 | 3 | | BS | | M14th-M16th |
| 10 | 10-3 | LSW2/3 | | Jug | 1 | 1 | 1 | | BS | Abraded | 13th-M15th |
| 10 | 10-3 | MEDLOC | OX/R; fine; Mica | ? | 1 | 1 | 1 | | BS | Abraded; surfaceless; possibly Lincoln | 13th-15th |
| 10 | 10-3 | NCBW | | ? | 1 | 1 | 2 | | BS | | 19th |
| 10 | 10-3 | PEARL | | 1 pc flat; 4 pcs ? | 5 | 5 | 13 | 1 pc blue transfer print - Willow pattern | Rim; BSS | | 19th |
| 10 | 10-3 | SLIP | | ? | 2 | 2 | 2 | | BSS | | 18th |
| 10 | 10-3 | STSL | | Closed | 3 | 3 | 7 | | Base; BSS | | M17th- 18th |
| 10 | 10-3 | STSL | | Jug or Bowl | 1 | 1 | 26 | | Base | | M17th- 18th |
| 10 | 10-3 | STSL | | Press moulded dish | 1 | 1 | 2 | Brown trailed on cream | BS | | M17th- 18th |
| 10 | 10-4 | BERTH | | ? | 1 | 1 | 3 | | BS | | 17th-18th |
| 10 | 10-4 | BL | | Closed | 2 | 1 | 18 | | BSS | | M16th- 17th |
| 10 | 10-4 | CMO | | Closed | 1 | 1 | 29 | | Base | | 15th- M16th |
| 10 | 10-4 | HUM | | Jug? | 1 | 1 | 6 | | BS | | M14th- M16th |
| 10 | 10-4 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 10 | 10-4 | SWSG | | ? | 1 | 1 | 2 | | Base | | 18th |
| 10 | 10-5 | HUM | | ? | 1 | 1 | 4 | | Base | ?ID; very burnt | M14th- M16th |
| 11 | 11-1 | BL | | Bowl | 2 | 2 | 13 | | BSS | | 17th-18th |
| 11 | 11-1 | PEARL | | 1 flat; 1? | 3 | 3 | 3 | | Rim; BS | | 19th |
| 11 | 11-1 | TGE | | ? | 2 | 2 | 1 | Indigo and blue hand painted dec | BSS | | M16th- M18th |
| 12 | 12 | BERTH | | Bowl? | 1 | 1 | 5 | | BS | | 17th-18th |
| 12 | 12 | BERTH | | ? | 1 | 1 | 3 | | BS | | 17th-18th |
| 12 | 12 | BERTH | | Bowl? | 1 | 1 | 10 | | BS | | 17th-18th |
| 12 | 12 | BEVO2 | | ? | 2 | 1 | 4 | | BSS | | 13th- M14th |
| 12 | 12 | CREA | | ? | 3 | 1 | 6 | | BSS | | L18th- M19th |
| 12 | 12 | ENG5 | | ? | 1 | 1 | 2 | | BS | | 18th-19th |
| 12 | 12 | HUM | | Jug? | 2 | 1 | 4 | | BSS | Internal soot | M14th- M16th |
| 12 | 12 | HUM | | Jug | 1 | 1 | 40 | | BS | | M14th- M16th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|--------|--------|------------------------|-----|-----|------|-------------------------------------|----------|------------------------------|-------------|
| 12 | 12 | STMO | | Drinking Vessel | 1 | 1 | 2 | | BS | | L17th- 18th |
| 12 | 12 | STSL | | Press Moulded Dish? | 1 | 1 | 1 | Brown trailed on cream | BS | | M17th-18th |
| 12 | 12 | SWSG | | Closed | 2 | 1 | 1 | | BS | | 18th |
| 12 | 12 | WHITE | | ? | 2 | 1 | 1 | | BSS | | 19th- E20th |
| 15 | 15-1 | BEVO2 | | Jug | 2 | 2 | 7 | | Base; BS | | 13th-M14th |
| 15 | 15-1 | LSW2/3 | | ? | 1 | 1 | 1 | | BS | | 13th-M15th |
| 15 | 15-1 | PORC | | 1 pc flat; 1 pc? | 2 | 2 | 7 | | Base; BS | | 19th-20th |
| 15 | 15-1 | STSL | | Drinking Vessel | 1 | 1 | 1 | Brown trailed on cream | BS | | M17th-18th |
| 15 | 15-1 | WHITE | | ? | 1 | 1 | 2 | | BS | | 19th |
| 15 | 15-2 | FREC | | Closed | 1 | 1 | 11 | | BS | | 16th-17th |
| 15 | 15-2 | LERTH | | ? | 2 | 1 | 1 | | BS | ?ID | 16th-18th |
| 15 | 15-2 | PMX | | Flat | 1 | 1 | 2 | Sponged brown and green paint | Rim | | 19th |
| 15 | 15-2 | PORC | | Cup? | 1 | 1 | 1 | Red transfer print | Rim | | 19th |
| 15 | 15-2 | STMO | | Closed | 1 | 1 | 2 | | BS | | L17th- 18th |
| 15 | 15-2 | STSL | | ? | 1 | 1 | 1 | Joggles brown on cream | BS | | M17th-18th |
| 15 | 15-2 | WHITE | | ? | 14 | 14 | 8 | Some blue transfer print | BSS | Mix of PEARL and WHITE types | 19th |
| 15 | 15-2 | WHITE | | Mug or Jug | 1 | 1 | 7 | | Handle | | 19th- E20th |
| 15 | 15-3 | BL | | ? | 1 | 1 | 1 | | BS | | M16th-17th |
| 15 | 15-3 | ENGs | | Drinking Vessel or Jug | 1 | 1 | 2 | | BS | | 18th |
| 15 | 15-3 | NCBW | | ? | 1 | 1 | 1 | | BS | ?ID | 19th |
| 15 | 15-3 | PEARL | | Flat | 1 | 1 | 4 | Blue transfer print - floral design | BS | | 19th |
| 15 | 15-3 | PEARL | | ? | 9 | 9 | 3 | | BS | Poss some WHITE | 19th |
| 15 | 15-4 | BEVO2 | | Jug | 1 | 1 | 1 | | BS | | 13th-M14th |
| 15 | 15-4 | ENGs | | ? | 1 | 1 | 5 | | BS | | 19th |
| 15 | 15-4 | PEARL | | ? | 2 | 1 | 1 | 1 pc blue transfer print | BS | | 19th |
| 16 | 16-1 | BEVO2 | | ? | 1 | 1 | 3 | | BS | ?ID | 13th-M14th |
| 16 | 16-1 | BL | | Closed | 1 | 1 | 10 | | BS | | 18th-19th |
| 16 | 16-1 | ENGs | | Closed | 3 | 2 | 14 | | BSS | | 18th-19th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|-------|--------|------------------|-----|-----|------|-----------------------------|-------------|-------------|-------------|
| 16 | 16-1 | HUM | | ? | 1 | 1 | 2 | | BS | | M14th-M16th |
| 16 | 16-1 | NCBW | | ? | 1 | 1 | 1 | | BSS | | 19th |
| 16 | 16-1 | NOTS | | Drinking Vessel | 1 | 1 | 1 | Engine Turned | BS | | L17th- 18th |
| 16 | 16-1 | PEARL | | ? | 5 | 5 | 7 | | BSS | | 19th |
| 16 | 16-1 | PORC | | 1 tea cup; 1? | 2 | 2 | 4 | | Base; BS | | 19th |
| 16 | 16-1 | SWSG | | Drinking vessel? | 1 | 1 | 1 | | BS | | 18th |
| 16 | 16-1 | TGE | | ? | 2 | 2 | 5 | One with pink wash/sponging | BSS | | 17th-M18th |
| 16 | 16-1 | WEST | | Drinking Jug | 1 | 1 | 19 | | Rim with HJ | | 17th-18th |
| 16 | 16-2 | SLIP | | ? | 1 | 1 | 1 | White slip on orange | BS | | M17th-18th |
| 17 | 17-1 | CREA | | ? | 1 | 1 | 1 | | BS | | L18th- 19th |
| 17 | 17-1 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 17 | 17-2 | BERTH | | ? | 1 | 1 | 2 | | BS | | 17th-18th |
| 17 | 17-2 | ENGs | | Drinking Vessel | 1 | 1 | 4 | | BS | | L17th- 18th |
| 17 | 17-2 | HUM | | ? | 1 | 1 | 3 | | BS | | M14th-M16th |
| 17 | 17-2 | NOTS | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 17 | 17-2 | STMO | | Drinking Vessel | 2 | 1 | 2 | Brown circular dot on cream | BSS | | L17th- 18th |
| 17 | 17-2 | TGE | | Closed | 2 | 2 | 3 | | BSS | | M16th-M18th |
| 17 | 17-2 | WHITE | | ? | 2 | 2 | 1 | | BSS | | 19th |
| 17 | 17-3 | BERTH | | Bowl | 1 | 1 | 4 | | Rim | | L17th- 18th |
| 17 | 17-3 | BEVO2 | | Jug? | 2 | 1 | 1 | | BS | ?ID | 13th-M14th |
| 17 | 17-3 | CREA | | Flat | 2 | 2 | 3 | | BSS | | L18th- 19th |
| 17 | 17-3 | ENGs | | ? | 1 | 1 | 5 | | BS | | 19th |
| 17 | 17-3 | PEARL | | ? | 1 | 1 | 1 | | BS | | 19th |
| 17 | 17-3 | STSL | | Drinking Vessel? | 1 | 1 | 1 | | BS | | L17th- 18th |
| 17 | 17-4 | CIST | | Drinking Vessel | 2 | 1 | 2 | | Rim; BS | | M15th-E17th |
| 17 | 17-4 | PEARL | | 1 small flat; 2? | 3 | 3 | 1 | | Base; BSS | | 19th |
| 17 | 17-5 | BL | | Closed | 1 | 1 | 6 | | BS | | 17th-18th |
| 17 | 17-5 | NOTS | | ? | 1 | 1 | 1 | | BS | | 18th-19th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|---------|--------|------------------------|-----|-----|------|------------------------------------------------|-----------|-----------------------------|-------------|
| 17 | 17-5 | PEARL | | 2 flat; 3? | 5 | 5 | 7 | 1 pc green transfer print-geometric/floral dec | Rims; BSS | | 19th |
| 17 | 17-5 | PORC | | Teacups? | 2 | 2 | 1 | | BSS | | 19th |
| 17 | 17-5 | SLIP | | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 18 | 18-2 | BERTH | | ? | 2 | 1 | 6 | | BSS | | 17th-18th |
| 18 | 18-2 | BEVO1/2 | | Jug | 2 | 1 | 5 | | BS | ?ID; abraded; burnt reduced | 12th-14th |
| 18 | 18-2 | BL | | Drinking Vessel? | 1 | 1 | 1 | | BS | | M16th-17th |
| 18 | 18-2 | MY | | Jar or Bowl | 2 | 2 | 12 | | Base; BS | | |
| 18 | 18-2 | PEARL | | 1 teacup; 5? | 6 | 6 | 4 | | Rims; BSS | | 19th |
| 18 | 18-3 | BERTH | | Drinking Vessel | 1 | 1 | 1 | | BS | | 17th-18th |
| 18 | 18-3 | CREA | | ? | 1 | 1 | 1 | | BS | | L18th-M19th |
| 18 | 18-3 | PORC | | ? | 2 | 1 | 1 | | BS | | 18th-19th |
| 18 | 18-3 | STMO | | ? | 1 | 1 | 4 | | Base ? | | L17th- 18th |
| 18 | 18-3 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 18 | 18-3 | SWSG | | Drinking Vessel? | 1 | 1 | 1 | | Base | | 18th |
| 19 | 19-1 | NOTS | | Jug or Drinking Vessel | 1 | 1 | 20 | | Base | | 18th-19th |
| 19 | 19-1 | PEARL | | ? | 1 | 1 | 1 | Blue transfer print | BS | | 19th |
| 19 | 19-2 | BL | | Drinking Vessel | 1 | 1 | 3 | | BS | | M16th-17th |
| 19 | 19-2 | BL | | Jar or Bowl | 2 | 2 | 16 | | Base; BS | | M17th-18th |
| 19 | 19-2 | HUM | | Jug | 1 | 1 | 3 | | BS | | M14th-15th |
| 19 | 19-2 | LERTH | | ? | 1 | 1 | 1 | | BS | Possible garden pot | 19th-20th |
| 19 | 19-2 | NOTS | | Drinking Vessel | 1 | 1 | 2 | | BS | | 18th-19th |
| 19 | 19-2 | PEARL | | Flat | 2 | 2 | 8 | 1 pc blue transfer print - Willow Pattern | Base; BS | | 19th |
| 19 | 19-2 | PMX | | ? | 1 | 1 | 1 | | BS | Poss TGE with abraded glaze | 16th-18th |
| 19 | 19-2 | PORC | | ? | 2 | 2 | 1 | 1 transfer printed flower | BSS | Burnt | 19th- E20th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|-------|--------|--------------------------------|-----|-----|------|--------------------------------|-----------------|-------------|-------------|
| 19 | 19-2 | STSL | | Press Moulded Dish | 1 | 1 | 17 | Trailed brown on cream | BS | | M17th-18th |
| 19 | 19-2 | WEST | | Jug or Drinking Vessel | 1 | 1 | 1 | Moulded roundel with blue wash | BS | | 17th-18th |
| 19 | 19-3 | HUM | | ? | 1 | 1 | 2 | | Rim? | | M14th-M16th |
| 19 | 19-3 | PEARL | | ? | 1 | 1 | 1 | | Rim | | 19th |
| 19 | 19-3 | TGE | | ? | 1 | 1 | 1 | | BS | | M16th-M18th |
| 20 | 20-1 | BL | | 1 drinking vess; 1 Jar or Bowl | 2 | 2 | 11 | | BSS | | M16th-17th |
| 20 | 20-1 | BL | | Bowl | 2 | 2 | 12 | | BSS | | 17th-18th |
| 20 | 20-1 | CMO | | Bowl | 1 | 1 | 1 | | Base ? | | 15th-M16th |
| 20 | 20-1 | FREC | | Closed | 1 | 1 | 4 | | BS | | 16th-17th |
| 20 | 20-1 | PEARL | | ? | 4 | 2 | 4 | | BSS | | 19th |
| 20 | 20-1 | PORC | | ? | 1 | 1 | 1 | | Rim | | 19th-20th |
| 20 | 20-1 | SWSG | | ? | 1 | 1 | 1 | | BS | | 18th |
| 20 | 20-3 | BERTH | | ? | 2 | 2 | 2 | | BS | | 17th-18th |
| 20 | 20-3 | CIST | | Drinking Vessel | 1 | 1 | 1 | | Rim | | M15th-E17th |
| 20 | 20-3 | NCBW | | ? | 1 | 1 | 1 | | BS | | 19th |
| 20 | 20-3 | PEARL | | ? | 2 | 1 | 1 | | BSS | | 19th |
| 20 | 20-3 | PMED | | ? | 1 | 1 | 1 | | BS | | 16th-18th |
| 20 | 20-4 | BERTH | | ? | 1 | 1 | 1 | | BS | ?ID; BEVO? | 17th-18th |
| 20 | 20-4 | PEARL | | ? | 4 | 1 | 1 | | BSS | | 19th |
| 20 | 20-5 | CMO | | | 1 | 1 | 1 | | BS | | M15th-M16th |
| 20 | 20-5 | PEARL | | Teacup | 4 | 30 | 1 | | Base s; BS | | 19th |
| 20 | 20-5 | TGE | | ? | 1 | 1 | 1 | Purple sponged dec | BS | | 17th-M18th |
| 22 | 22-1 | PEARL | | | 1 | 1 | 1 | | BS | | 19th |
| 22 | 22-1 | STMO | | Drinking Vessel | 1 | 1 | 1 | | BS | | L17th- 18th |
| 22 | 22-2 | BL | | ? | 1 | 1 | 1 | | BS | | 17th-18th |
| 22 | 22-2 | CIST | | Drinking Vessel | 1 | 1 | 2 | | Rim | | 16th-M17th |
| 22 | 22-2 | CREA | | Flat | 3 | 1 | 8 | | Base; rim; BS | | L18th-E19th |
| 22 | 22-2 | PEARL | | Teacup | 1 | 1 | 1 | | Handle with LHJ | | 19th |
| 22 | 22-2 | STBR | | Drinking Vessel | 1 | 1 | 2 | | BS | | L17th- 18th |
| 22 | 22-2 | SWSG | | Flat? | 2 | 1 | 8 | | Base s | | 18th |



| TP | Cxt | Cname | Fabric | Form | NoS | NoV | W(g) | Decoration | Part | Description | Date |
|----|------|-------|--------|--------------------|-----|-----|------|------------------------------------------|-----------|----------------------------------------------------------------|-------------------|
| 23 | 23-1 | CHPO | | Small Bowl | 1 | 1 | 2 | Hand painted blue decoration | Base | | 18th-19th |
| 23 | 23-1 | CREA | | ? | 3 | 1 | 3 | | BSS | | L18th-E19th |
| 23 | 23-1 | ENGs | | ? | 1 | 1 | 1 | | BS | | 18th-19th |
| 23 | 23-1 | LUST | | ? | 1 | 1 | 1 | | Rim | | 19th |
| 23 | 23-1 | SLIP | | Closed | 1 | 1 | 1 | Brown trailed on cream | BS | | M18th-19th |
| 23 | 23-2 | BERTH | | ? | 1 | 1 | 5 | | BS | ?ID | 17th-18th |
| 23 | 23-2 | BL | | ? | 1 | 1 | 1 | | BS | | 17th-18th |
| 23 | 23-2 | CIST | | Drinking Vessel | 1 | 1 | 3 | | BS | | 16th- E17th |
| 23 | 23-2 | CREA | | ? | 4 | 1 | 1 | | BSS | | L18th-E19th |
| 23 | 23-2 | ENGs | | Closed | 1 | 1 | 7 | | BS | | 18th-19th |
| 23 | 23-2 | NOTS | | Closed | 1 | 1 | 4 | | BS | | 18th-19th |
| 23 | 23-2 | PEARL | | ? | 2 | 2 | 1 | | BSS | | 19th |
| 23 | 23-2 | STMO | | Drinking Vessel | 1 | 1 | 3 | | BS | | L17th- 18th |
| 24 | 24-1 | PEARL | | ? | 1 | 1 | 1 | Blue transfer print - Willow Pattern | BS | | 19th |
| 24 | 24-1 | PEARL | | Jug? | 1 | 1 | 9 | | Base | | 19th |
| 24 | 24-1 | PORC | | Small Jug | 1 | 1 | 3 | Blue transfer print - floral design | Spout | | 19th |
| 24 | 24-1 | PORC | | ? | 2 | 1 | 1 | | BSS | | 19th- E20th |
| 24 | 24-4 | ENGs | | Straight-Sided Jar | 2 | 1 | 12 | | BSS | | 19th- E20th |
| 24 | 24-4 | NCBW | | | 2 | 1 | 1 | | BSS | | 19th |
| 24 | 24-4 | PEARL | | 2 flat; 3? | 5 | 5 | 9 | 1 pc blue transfer print - floral design | Rims; BSS | | 19th |
| 24 | 24-4 | PORC | | ? | 2 | 2 | 5 | | BS | | 19th- E20th |
| 24 | 24-4 | PORC | | Flat | 1 | 1 | 4 | | Base | Backstamp "ROYAL DOULTON ENGLAND" with lion and crown in green | E20th (1902-1922) |

Archive catalogue 2 Ceramic Building Material

| TP | Context | Cname | fabric | NoF | Weight (g) | Comment | Date |
|----|---------|----------|------------------------|-----|------------|--------------------|-------------|
| 1 | 1-2 | CBM | | 10 | 20 | | |
| 1 | 1-2 | MODTIL | | 2 | 86 | | 20th |
| 1 | 1-3 | BRK | Oxidised; medium sandy | 1 | 82 | Burnt; handmade | 16th-19th |
| 1 | 1-3 | CBM | | 14 | 16 | | |
| 1 | 1-3 | MODDRAIN | | 5 | 127 | Ceramic land drain | L19th-E20th |



| TP | Context | Cname | fabric | NoF | Weight (g) | Comment | Date |
|----|---------|----------|--------------|-----|------------|---------------------------------------------------------------|------------|
| 1 | 1-3 | RTMISC | Light firing | 1 | 7 | | |
| 1 | 1-3 | MODBRK | | 8 | 38 | | 20th |
| 1 | 1-4 | CBM | | 7 | 15 | | |
| 1 | 1-4 | CBM | Light firing | 2 | 3 | | |
| 1 | 1-4 | MODTIL | | 1 | 7 | Mortar adhered | 19th-20th |
| 1 | 1-5 | CBM | | 3 | 6 | | |
| 1 | 1-5 | CBM | Light firing | 1 | 2 | | |
| 1 | 1-7 | CBM | | 3 | 5 | | |
| 2 | 2-2 | CBM | | 19 | 36 | | |
| 2 | 2-2 | RTMISC | | 4 | 42 | | 18th-19th |
| 2 | 2-3 | CBM | | 3 | 8 | | |
| 2 | 2-3 | RTMISC | Light firing | 1 | 7 | | |
| 2 | 2-4 | CBM | | 4 | 23 | | |
| 2 | 2-4 | MODCBM | | 1 | 8 | | L19th-20th |
| 3 | 3-1 | CBM | Light firing | 1 | 2 | | |
| 3 | 3-1 | CBM | | 1 | 2 | Poss from 3-2 | |
| 3 | 3-1 | CBM | | 4 | 14 | | |
| 3 | 3-1 | MODBRK | | 1 | 15 | | L19th-20th |
| 3 | 3-1 | MODDRAIN | | 1 | 2 | | |
| 3 | 3-1 | MODDRAIN | | 1 | 12 | Salt glazed drainage pipe; poss from 3-2 | |
| 3 | 3-1 | MODTIL | | 3 | 34 | | 20th |
| 3 | 3-1 | MODTIL | | 1 | 25 | | ML20th |
| 3 | 3-1 | MODTIL | | 2 | 44 | | EM20th |
| 3 | 3-2 | CBM | | 21 | 34 | | |
| 3 | 3-2 | MODBRK | | 3 | 98 | | 20th |
| 3 | 3-2 | MODTIL | | 3 | 30 | | 20th |
| 3 | 3-2 | RTMISC | Light firing | 2 | 6 | | |
| 3 | 3-3 | CBM | | 1 | 9 | Shallow frog?; BRK? | 17th-19th |
| 3 | 3-3 | CBM | | 12 | 13 | | |
| 3 | 3-3 | RTMISC | | 2 | 7 | | |
| 3 | 3-4 | CBM | | 1 | 1 | | |
| 4 | 4-1 | CBM | Light firing | 1 | 2 | | |
| 4 | 4-1 | MODTIL | | 10 | 15 | A range of different ceramic wall tiles; at least 3 different | 20th |
| 4 | 4-1 | MODTIL | | 2 | 38 | | 20th |
| 4 | 4-1 | MODTIL | | 4 | 37 | | 20th |
| 4 | 4-2 | BRK | | 1 | 63 | | 19th-E20th |
| 4 | 4-2 | MODBRK | | 1 | 53 | | 20th |
| 4 | 4-2 | MODCBM | | 1 | 1 | | ML20th |
| 4 | 4-2 | MODTIL | | 3 | 12 | A range of different ceramic wall tiles; at least 3 different | 20th |
| 4 | 4-3 | CBM | Light firing | 1 | 9 | | |
| 4 | 4-3 | MODTIL | | 3 | 9 | Ceramic wall tiles; 3 different types | 20th |
| 4 | 4-4 | MODTIL | | 2 | 3 | Ceramic wall tile | 20th |
| 5 | 5-2 | CBM | | 1 | 5 | | |



| TP | Context | Cname | fabric | NoF | Weight (g) | Comment | Date |
|----|---------|----------|----------------|-----|------------|---------------------------------------------------------------------------------|------------|
| 5 | 5-2 | CBM | Light firing | 3 | 27 | | |
| 5 | 5-2 | PANT | | 1 | 18 | | 18th-19th |
| 5 | 5-3 | CBM | Light firing | 3 | 12 | | 18th-19th |
| 5 | 5-3 | CBM | | 3 | 6 | | |
| 5 | 5-3 | MODTIL | | 1 | 2 | | 20th |
| 6 | 6-1 | CBM | | 4 | 5 | | |
| 6 | 6-1 | MODCBM | | 8 | 20 | | L19th-20th |
| 6 | 6-1 | MODTIL | | 3 | 82 | 1 pc stamped "...PHO..." | 20th |
| 6 | 6-2 | CBM | | 1 | 2 | | |
| 6 | 6-2 | MODBRK | | 1 | 8 | | ML20th |
| 6 | 6-2 | MODBRK | | 3 | 36 | | 20th |
| 6 | 6-2 | MODTIL | | 8 | 128 | 1 pc stamped "...ORPR..." | 20th |
| 6 | 6-3 | MODBRK | | 4 | 114 | | 20th |
| 6 | 6-3 | MODDRAIN | | 1 | 434 | Salt glazed foul pipe; concrete lining; some sort of binding/sealant at one end | 20th |
| 6 | 6-3 | MODTIL | | 5 | 185 | 1 pc stamped "...PH..." | 20th |
| 6 | 6-4 | MODCBM | | 1 | 4 | | ML20th |
| 7 | 7-2 | BRK | Oxidised; fine | 1 | 14 | Salt surface; partially vitrified | 16th-19th |
| 7 | 7-2 | CBM | Light firing | 2 | 11 | | |
| 7 | 7-2 | CBM | | 18 | 54 | | |
| 7 | 7-2 | MODBRK | | 2 | 30 | | 20th |
| 7 | 7-2 | MODTIL | | 4 | 16 | | 20th |
| 7 | 7-3 | CBM | | 5 | 9 | | |
| 7 | 7-3 | MALTK | | 1 | 117 | | 19th |
| 7 | 7-3 | RTMISC | Light firing | 1 | 9 | PNR? | 17th-19th |
| 9 | 9-1 | MODCBM | | 2 | 2 | | 20th |
| 9 | 9-1 | MODTIL | | 1 | 8 | | 20th |
| 9 | 9-2 | MODRAIN | | 2 | 90 | | L19th-20th |
| 9 | 9-2 | MODTIL | | 6 | 66 | | |
| 9 | 9-3 | MODTIL | | 2 | 24 | | 20th |
| 10 | 10-1 | CBM | | 5 | 19 | 1 pc probably PANT | |
| 10 | 10-1 | CBM | | 3 | 4 | | |
| 10 | 10-1 | CBM | Light firing | 1 | 10 | | |
| 10 | 10-1 | CBM | | 1 | 2 | Bag labelled 10/1-3 | |
| 10 | 10-1 | MODBRK | | 1 | 28 | | 20th |
| 10 | 10-1 | MODCBM | | 3 | 4 | Bag labelled 10/1-3 | 20th |
| 10 | 10-1 | MODTIL | | 3 | 8 | Glazed ceramic wall tile | L19th-20th |
| 10 | 10-1 | MODTIL | | 7 | 95 | | 20th |
| 10 | 10-2 | BRK | Oxidised; fine | 2 | 51 | | |
| 10 | 10-2 | BRK | Oxidised; fine | 1 | 143 | Handmade; vitrified | 16th-19th |
| 10 | 10-2 | CBM | Light firing | 1 | 3 | | |
| 10 | 10-2 | CBM | | 3 | 5 | | |
| 10 | 10-2 | MODTIL | | 2 | 9 | | 20th |
| 10 | 10-2 | RTMISC | Light firing | 1 | 6 | | |
| 10 | 10-3 | CBM | | 8 | 71 | | |
| 10 | 10-3 | MODCBM | | 2 | 5 | | |
| 10 | 10-3 | MODTIL | | 2 | 11 | | 20th |



| | | | | | | | |
|----|---------|--------|---------------------------------|-----|------------|-------------------------------------------------------------|-------------|
| 10 | 10-4 | BRK | Oxidised; fine-medium sandy | 1 | 42 | Handmade | 16th-19th |
| 10 | 10-4 | CBM | | 6 | 12 | | |
| 10 | 10-5 | CBM | | 6 | 14 | | |
| 10 | 10-5 | MODCBM | | 2 | 4 | | |
| 11 | 11-1 | CBM | | 1 | 17 | | |
| 11 | 11-1 | MODCBM | | 1 | 4 | | 20th |
| 12 | 12 | CBM | | 2 | 10 | | |
| 12 | 12 | MODTIL | | 2 | 18 | | 20th |
| 12 | 12 | PNR | Light firing | 1 | 23 | Medieval? | 13th-18th |
| 12 | 12 | PNR | Oxidised; medium sandy | 1 | 7 | | 13th-18th |
| 12 | 12 | RTMISC | Oxidised; fine-medium sandy; Fe | 1 | 39 | | |
| 15 | 15-1 | CBM | | 2 | 7 | | |
| 15 | 15-3 | CBM | | 2 | 8 | | |
| 15 | 15-3 | CBM | | 2 | 1 | | |
| 16 | 16-1 | BRK | Reduced; fine sandy | 1 | 14 | Burnt; ?ID | |
| 16 | 16-1 | BRK | Oxidised; fine sandy | 1 | 20 | | 18th-19th |
| 16 | 16-1 | CBM | | 2 | 8 | | |
| 16 | 16-1 | PNR | Light firing | 2 | 10 | | 16th-19th |
| 16 | 16-2 | MODTIL | | 1 | 24 | Cement attached | 20th |
| 17 | 17-1 | CBM | | 2 | 2 | 1 pc vitrified flake | |
| 17 | 17-1 | PNR | Light firing | 1 | 8 | | 16th-19th |
| 17 | 17-1 | RTMISC | | 1 | 12 | | 16th-19th |
| 17 | 17-2 | CBM | Light firing | 1 | 2 | | |
| 17 | 17-2 | CBM | | 4 | 8 | | |
| 17 | 17-2 | MODBRK | | 1 | 55 | | 20th |
| 17 | 17-2 | PNR | Oxidised; medium sandy | 1 | 31 | Corner fragment | L12th-15th |
| 17 | 17-3 | BRK | Oxidised; medium sandy | 1 | 28 | | 16th-19th |
| 17 | 17-3 | CBM | Light firing | 1 | 1 | | |
| 17 | 17-3 | CBM | | 3 | 2 | | |
| 17 | 17-4 | BRK | Oxidised; fine; Ca | 1 | 68 | | 16th-18th |
| 17 | 17-4 | CBM | | 2 | 6 | | |
| 17 | 17-4 | RTMISC | Light firing | 2 | 18 | PNR? | |
| 17 | 17-5 | CBM | | 6 | 18 | | Medieval? |
| 17 | 17-5 | PNR | Light firing | 1 | 8 | | 14th-18th |
| 17 | 17-5 | RFURN | Oxidised; medium sandy | 1 | 23 | Curved; crudely hand formed; frilled edge?; roof furniture? | |
| 18 | 18-2 | BRK | | 1 | 133 | Extruded; 73mm thick/deep | L19th-E20th |
| 18 | 18-2 | BRK | Oxidised; fine; calcareous | 1 | 45 | | |
| 18 | 18-2 | CBM | | 3 | 5 | | |
| TP | Context | Cname | fabric | NoF | Weight (g) | Comment | Date |
| 18 | 18-2 | CBM | | 1 | 32 | Mortar; brick frag? | |
| 18 | 18-2 | MODBRK | | 6 | 70 | 1 pc stamped "PHO[RPRES]" | 20th |
| 18 | 18-2 | MODBRK | | 10 | 637 | 1 pc stamped "...[L]BC"; London Brick Company | 20th 20th |
| 18 | 18-2 | MODTIL | | 2 | 29 | | 20th |
| 18 | 18-3 | CBM | | 6 | 13 | | |
| 18 | 18-3 | MODBRK | | 1 | 11 | 'Rustic' effect surface | ML20th |
| 18 | 18-3 | MODBRK | | 4 | 23 | | 20th |
| 18 | 18-3 | MODTIL | | 2 | 5 | | 20th |



| | | | | | | | |
|----|------|--------|--------------------------|----|-----|--------------------------|------------|
| 18 | 19-1 | BRK | Oxidised; fine sandy; Ca | 1 | 33 | | 16th-19th |
| 19 | 19-1 | MODBRK | | 1 | 2 | | 20th |
| 19 | 19-1 | MODTIL | | 3 | 80 | | 20th |
| 19 | 19-2 | CBM | | 4 | 29 | | |
| 19 | 19-2 | MODBRK | | 5 | 67 | | 20th |
| 19 | 19-2 | MODTIL | | 2 | 38 | | 20th |
| 19 | 19-2 | RTMISC | Light firing | 1 | 18 | PNR? | |
| 20 | 19-3 | MODBRK | | 4 | 442 | | 20th |
| 20 | 20-1 | CBM | | 8 | 19 | | |
| 20 | 20-1 | MODBRK | | 3 | 8 | | 20th |
| 20 | 20-1 | RTMISC | Light firing | 2 | 13 | PNR? | |
| 20 | 20-3 | CBM | | 2 | 3 | | |
| 20 | 20-4 | CBM | | 7 | 10 | 1 pc mortared | |
| 20 | 20-5 | CBM | | 1 | 3 | | |
| 20 | 20-5 | MODTIL | | 2 | 6 | Glazed ceramic wall tile | L19th-20th |
| 22 | 22-1 | BRK | Oxidised; fine sandy | 1 | 67 | | 19th-E20th |
| 22 | 22-1 | CBM | | 4 | 3 | | |
| 22 | 22-1 | MODCBM | | 1 | 1 | | 20th |
| 22 | 22-2 | CBM | | 10 | 66 | | |
| 22 | 22-2 | RTMISC | Oxidised; medium sandy | 1 | 10 | PANT or RID? | |
| 23 | 23-1 | CBM | | 7 | 24 | | |
| 23 | 23-1 | RTMISC | Oxidised; fine; Ca; Fe | 1 | 3 | | |
| 23 | 23-1 | RTMISC | Light firing | 1 | 6 | PNR? | |
| 23 | 23-2 | CBM | | 2 | 3 | | |
| 23 | 23-2 | CBM | Light firing | 1 | 1 | | |
| 24 | 24-1 | RTMISC | Oxidised; fine sandy | 2 | 12 | | 18th-19th |
| 24 | 24-2 | CBM | | 1 | 12 | BRK? | 18th-19th |
| 24 | 24-2 | CBM | | 3 | 7 | | |
| 24 | 24-4 | MODBRK | | 1 | 26 | Stamped "[PHO]RPRE[S]" | 20th |

Abbreviations

AOD Above Ordnance Datum
BGS British Geological Survey
CBM Ceramic Building Material
RCHM Royal Commission on Historic Monuments

